# CHEMIST AND DRUGGIST

for RETAILER — WHOLESALER — MANUFACTURER

APRIL 12, 1952

M&B-ANTISEPTIC CREAM

for cuts

burns

and abrass

By virtue of the powerful antibacterial activity of propamidine, M&B Antiseptic Cream is highly effective in the prevention and treatment of infection in wounds and burns. It is remarkably rapid in its effect, and under its influence healing takes place unchecked. In contrast to the topical application of penicillin, the use of propamidine is not reported to cause sensitization. M&B Antiseptic Cream has the added advantage of maintaining its potency indefinitely without special conditions of storage.

Attractive Showcards available on request. Bonus terms of 13 to the dozen offered through wholesalers in return for display services.

M&B Antiseptic Cream is supplied in tubes of 1 oz. at 2s. 3d.

MAY & BAKER LTD

manufactured by



distributors: PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD . DAGENHAM

# Pride of Place...

Burnmouth, Berwickshire,

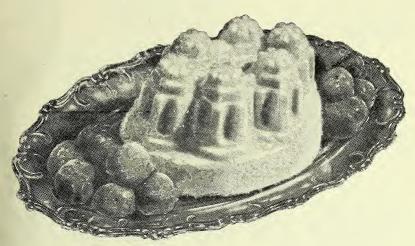
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EDINBURGH · SCOTLAND

### protein YOU LIKE IT



This is a milk jelly any housewife could make yet it contains seventy-seven grams of protein\*—as much protein as in four pints of milk or a dozen eggs. It was made that way by Casilan, the whole protein food that will do the same for practically any food or drink your customer fancies or is permitted. Whole protein . . . twenty-six grams per ounce . . . that is Casilan. Flavourless protein, too, and that is why milk jelly — Casilan-enriched — tastes of milk jelly alone. \* Only 42 grams of protein if made without Casilan.

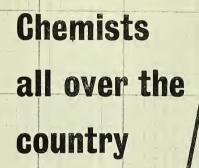
# Casilan Trade mark

THE WHOLE PROTEIN FOOD



8-oz. tins: face price 4/6; trade price 43/2 per doz. Parcel No. 2 (12 x 8-oz.), £2.0.6 net. Order parcels direct from Greenford, quoting wholesaler's name for invoicing purposes.

If you would like copies of the Casilan Recipe Book, please let us know; it includes recipes for many savoury dishes as well as sweets. GLAXO LABORATORIES LIMITED, GREENFORD, MIDDLESEX BYRRON 3434





# Cash in on Coloral

**Coloral** — the new French Hair Colour rinse, has achieved new sales records every month since its introduction to this country last June. It is now, beyond question, an *established success* and tens of thousands of women are *regular users*. If you are not stocking COLORAL you are missing a quick selling line which will bring you *ever increasing profits*. The attractive cards, each carrying two rinses, have only to be shown to sell. Get a stock from your wholesaler NOW!

Coloral Liquid

HAIR COLOUR-RINSE

Regularly advertised in the leading Women's Magazines and on London's Underground.

Made in six shades — Deep Brunette, Velvet Brown, Hazel Brown, Burnished Gold, Auburn, Steel Blue.

In attractive display outers each containing two dozen cards.

Retail Price: 1/3 per card of 2 Rinses

TRADE PRICE: 6/- per dozen cards (plus 100% tax), in boxes of two dozen cards of any one shade or in a fixed assortment of two dozen.

Product of L'Oreal, Paris.

Packed and Distributed in Great Britain by

GOLDEN LIMITED · 2/4 DEAN STREET · LONDON · W.I GERrard 4926



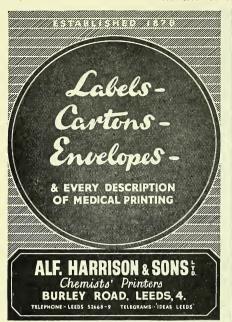
## CROOKES Lacto-Calamine LOTION



A leaflet giving full particulars of the range of Bonus Parcels is being mailed to all Retail Chemists but copies are available on request.



₩





POWDERS AND TABLETS

### Sell Readily and Steadily!

Backed by forceful and continuous advertising!

NEWS More aid to the Trade! New range of 'point of FLASH! sale' advertising material available!

Trade enquiries to: CEPHOS LTD. BLACKBURN



D

# DIATRIN

the antihistaminic drug of choice for the treatment of allergic com-Notable for its low plaints. toxicity and its freedom from sideeffect, Diatrin is widely prescribed for Hay Fever, Urticaria, Vasomotor Rhinitis and other common allergic disorders.

> Available as sugar-coated oral tablets 50 mg. each. Bottles of 20 and 250.

Price to Consumer: bottles of 20 tablets. 4/- each. Trade Price; bottles of 20 tablets, 32/- per dozen. Containers of 250 tablets for dispensing only, 320/- per dozen. Diatrin is a P.1 .. S.1., S.IV. Poison not subject to P.T.



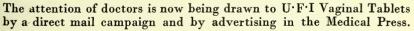
WILLIAM R. WARNER & CO. LTD., POWER ROAD, LONDON, W.4

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# A Common Distress . . and the answer

The distress accompanying common vaginal infections is all too well known. U·F·I Vaginal Tablets are non-arsenical, non-staining and non-toxic. They readily disintegrate in the vagina and clinical experience has proved them to be of particular value in leucorrhoea, trichomonal or monilial vaginitis and associated conditions.



### **U·F·I** VAGINAL TABLETS

Bottles of 20, 100 and 500 tablets

A Product of

Detailed literature available on request

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- Dual approach in the treatment of
- peptic ulcer and acid dyspepsia

## 'NEUTRADONNA'



is a combination of an antispasmodic (Extract of Belladonna) with a buffer antacid (Aluminium Sodium Silicate). It relieves pain due to gastric spasm immediately, by abolishing vagotonia and gently buffers excess acid in the stomach restoring the pH to normal levels. Aluminium Sodium Silicate allows normal peptic digestion to continue so that 'NEUTRADONNA' may be given before meals when the action of the belladonna is required.

Presentation:— Containers of 25 Gm. Retail Price 1/8 + P.T. 5d. Containers of 100 Gm. ,, 3/6 + P.T. 10½d.



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THE CHEMOTHERAPY OF TUBERCULOSIS



18 grammes a day for 6 to 9 months is an exceptionally high dosage scheme, yet that is the amount of P.A.S. a tuberculous patient may have to take. Purity of drugs is important in doses as small as 0.01 gramme. How much more vital is it when such a large quantity is taken for so long a period? In the manufacture of 'PARAMISAN SODIUM' purity is the over-riding consideration.

Therefore dispense

## 'PARAMISAN SODIUM'

TRADE MARK

SODIUM para-AMINOSALICYLATE

RAND

FOR ORAL ADMINISTRATION:

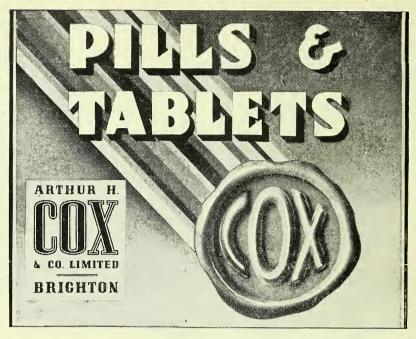
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OTHER FORMS AVAILABLE: AMPOULES ' IELLY ' CREAM



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campaign in the National and Provincial press and magazines with the National Poster campaign ensures big sales—stock up NOW with:—

## DRUMMER PINE

WM. EDGE & SONS LTD., BOLTON

#### THE WASH

#### BRISTOL-

If you manufacture above this line we can cut your costs of distribution especially in the South and South West by offering all or either of the following facilities:—

- ★ Light Assembly
- ★ Packing (we are Pioneers in Heat Sealing)
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- \* Distribution
- \* Sales Service

Please send for very complete details of our un'que service

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announce

# price reductions

FROM 31st MARCH, 1952, REDUCED PRICES WILL APPLY TO THE FOLLOWING PRODUCTS:

Box of 50 2-ply Handkerchief Tissues

NOW I/-

Pocket - Pack of Handkerchief Tissues

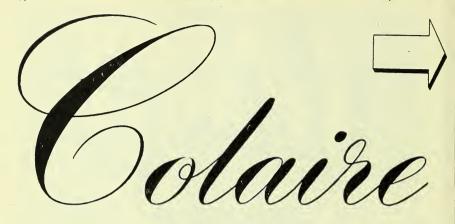
NOW 4d.

Velvet 2-ply toilet tissue roll

NOW 1/4

This represents a great opportunity for increased sales for the quality of the products remains as high as ever. Full trade margins maintained.

VELVET CREPE PAPER CO. LTD., ALPERTON, MIDDLESEX



# is here!

★ Hard-hitting, nation-wide advertising introduces an entirely new beauty aid to colour the hair...from the makers of Bandbox Shampoo.

This month the makers of Bandbox launch a tremendous advertising drive in the country's biggest dailies and women's magazines to introduce their startling new hair cosmetic . . . Colaire. Stroked on the hair, air-fine Colaire gives new glamour colours in seconds. Colaire highlights curls and waves; adds contrasting streaks; tones up faded patches or gives a completely new shade all over the head.

Blonde, gold or auburn effects without bleach, dye or tint. Brushes or rinses out in a jiffy. 6 glamorous shades in a display-right pack that will catch all eyes.

Colaire sells at 3/9.. is backed by the trusted Bandbox name... and is heralded into the market by a toppower, blanket advertising campaign that means interest, sales and profits all over the country.

Colaire

The New

HAIR COSMETIC

by bandbox

ASHE LABORATORIES LTD., LEATHERHEAD



## Look at this list!

Starting NOW
Colaire's Launching Campaign
reaches millions of potential
customers in:

Daily Express, Daily Mirror,
News of the World, Sunday
Pictorial, Illustrated, Woman,
Woman's Own, Woman's Weekly,
True Romances, True Story, Home
Chat, Home Notes, Picturegoer,
Picture Show, Photoplay, and others.



Six Glamour Shades

3 each colour =  $1\frac{1}{2}$  dozen in giant display packs. Colaire sells at 3/9; your cost 19/3 per dozen plus 100% Purchase Tax.

INITIAL DISPLAY OFFER—
3 DOZEN LESS 5%

ORDER NOW!

Colaire

The New

HAIR COSMETIC
by bandbox

ASHE LABORATORIES LTD., LEATHERHEAD



# Woolley COMPONENT TARIETS

For the relief of pain and nausea in cases of gastric and duodenal ulcers. These tablets have been introduced in this country following the considerable success shown in treatment abroad of cases of gastricis, hyperacidity and nervous stomach complaints.

#### Formula:

Retail back:

bottles of 100: 5/9 each plus purchase tax 33\frac{1}{3}\% Retail 10/6 each incl. tax bottles of 500: 24/6 each plus purchase tax 33\frac{1}{3}\% Retail 45/- each incl. tax.

Dispensing pack:

bottles of 1000: 48/- each, exempt from purchase tax.

Samples will be forwarded upon request.

Manufactured in the laboratories of :-

JAMES WOOLLEY SONS & CO. LTD. Victoria Bridge, Manchester, 3



CALSOL MILK made by JEFFREYS MILLER & COMPANY LIMITED.

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## L-ASPARAGIN

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FOR TROUBLE IN THE HAIR

Derbac is the one proved remedy for infestation in the hair. It is the fastest seller and fastest in effecting a cure. For serious cases recommend LIQUID DERBAC followed by regular shampooing and combing with DERBAC SOAP AND COMB. Your customers will thank you for prescribing this proved treatment.

FROM CHEMISTS ONLY

# DERBAC

SOAP

for slight infestation.

LIQUID

for more serious cases.

PURE PRODUCTS SOAP COMPANY LTD., COLWICK, NOTTINGHAM



D.T.1.



## Sensitive skins

Cuticura Shaving Soap is mildly medicated ..., your customers will thank you for introducing them to the perfect stick for tender faces. The black and orange plastic holder for this large sized stick attracts the eye: display cartons with each half-dozen make them easy sellers at your counter.

National advertising supports your sales. Cuticura Shaving Sticks retail at 2/2 (Inc. P.T.) Trade price 15/6 doz. P.T. 5/2 doz.

## Cuticura SHAVING STICK

DON'T FORGET QUICK SELLING CUTICURA SOAP Order to-day from NEWBERY & PHILLIPS LTD. Victoria House, Southampton Row, W.C.1. HOL 1564

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Glucose
Scotch Barley
Sugar

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all the year
hot or cold

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for antibiotic treatment of throat and mouth infections

Packed in plastic tubes containing 12 Lozenges. List Price 3/6 per tube, less  $33\frac{1}{3}\%$  trade discount. (Exempt Purchase Tax). Special Parcels of 36 Tubes — 27/- per dozen net.

SHARP & DOHME LTD., HODDESDON, HERTS.

## .. and they like---the PRICE, too!

Mothers like Dimples Teats for comfortable, trouble-free feeding, and also for their reasonable price.



Dimples Teats are a good profitable line for you. They are always in demand.

They are supplied with one or three holes. Packed in neat, buff printed cartons; one dozen in display outer.

		Doz.
One	e dozen	 2/9
Six	,,	 $2/7\frac{1}{2}$
One	e Gross	 2/6



Dimples FEEDING BOTTLES are of good reliable quality and sell at a very competitive price. They are supplied complete with anti-colic teat and valve. In attractive buff printed cartons, the outer wrapping of transparent tissue to prevent soiling in stock or on display.

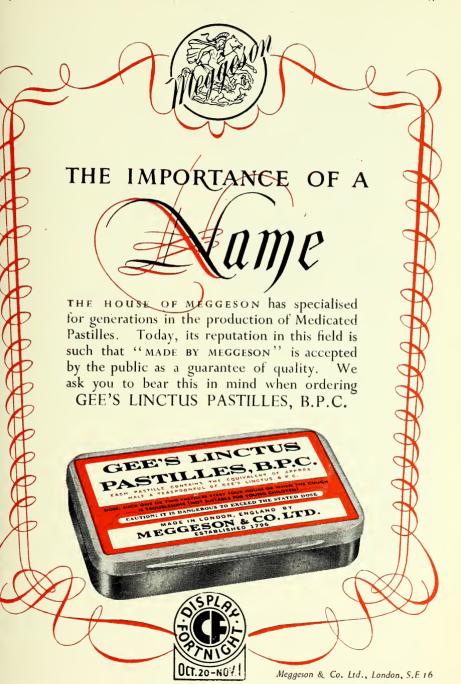
				1-doz.	3-doz.	6-doz.
Double	-ended	8	oz.	11/6	11/3	11/-
,,	,,	4	,,	10/-	9/9	9/6
No. 1.	Upright	8	,,	8/6	8/3	8/-
Double	,,	4	,,	8/-	7/9	7/6

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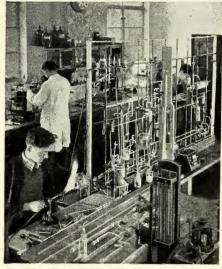
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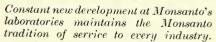
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  - SALICYLAMIDE •
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  - P.C.M.X.
  - P.C.M.C.
  - CRESANTOL-15
    - CRESANTOL-3







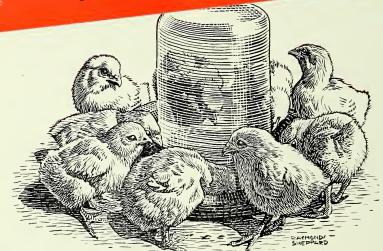
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Representatives in the world's principal cities.

# Now is the time to recommend ...

# 'SULPHAMEZATHINE

SODIUM SOLUTION 16%



for COCCIDIOSIS

> 'Sulphamezathine' Sodium Solution 16% Containers of 4 fl. oz., 20 fl. oz. and 80 fl. oz. Retail Prices: 5/-, 21/- and 75/-.

## in chicks..the proven remedy

Four tablespoonfuls of 'Sulphamezathine' 16% Solution should be added to every gallon of drinking water immediately coccidiosis is suspected.

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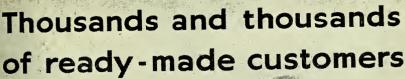
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Telephone: LONDON WALL 5241





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TRADE TERMS: Retail Selling Price inc. Purchase Tax						
		Q	Purchase			
		Minimum Packs	Minimum Direct	Best	Tax	
	3 oz. size	10d.	4 doz.	6/3	6/-	2/1
	6 oz. size	1/8	I doz.	12/6	12/-	4/2

Our Representative will gladly provide details of Parcel Terms which yield generous profit margins.

# Bristow's LANOLIN SOAP

T. F. BRISTOW & CO. LTD., OLD BOND STREET, LONDON, ENGLAND.

T.24





YOU CAN RECOMMEND WITH CONFIDENCE!!

## LOSALL'S TONIC NERVE FOOD

Retails 3/9

Price 22/6 doz. + tax

LOFTHOUSE & SALTMER, LTD. Manufacturing Chemists, HULL

# Two best sellers...



OTHER FAMOUS REMEDIES

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Fennings' Little Healers

Fennings' Whooping Cough Mixture

Fennings' Adult Cooling Powders

Fennings' Sulphur Powders

Fennings' Indigestion Tablets

Fennings' Ointment

Sales promotion material gladly sent on request.

# TO ORDER NOW!

Both have long since proved their popularity by the ever present demand — a demand that can build your sales and increase your profit.

When demanded by your customers it is best to reply with a 'sale'; so check your supplies, and make sure that you have sufficient stocks of —

FENNINGS' CHILDREN'S COOLING POWDERS Retail at 1/9, 4/3 or 2 powders for 2\(\frac{1}{2}\)d.

FENNINGS' RHEUMATIC TABLETS
Retail at 2/6 for carton of 45 tablets.



Order through your usual wholesaler or if in difficulty write to:

ALFRED FENNINGS, HORSHAM, SUSSEX,
Telephone: Horsham 427



#### Pennine Leg Tan Cream

An elegant cream with smooth consistency, easily applied and very durable.

#### Pennine Sun Tan Cream

Very effective. Allows tanning of the skin whilst preventing sun-burn.

These bright attractive packs are fine sellers.



# THORNTON & ROSS

LINTHWAITE LABORATORIES

HUDDERSFIELD ENGLAND

FOR

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DRESSINGS

PILLS & TABLETS

DANGEROUS DRUGS

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PROPRIETARIES

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ESTABLISHED 1793

# ATKINSONEBARKER'S INFANTS' PRESERVATIVE

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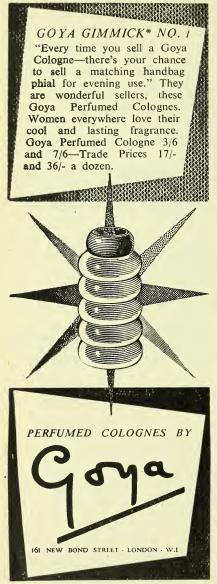
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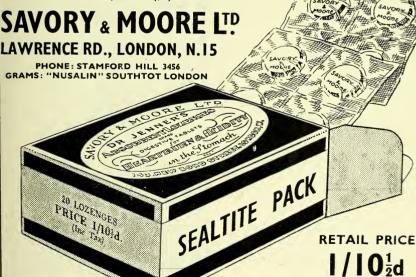


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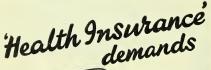
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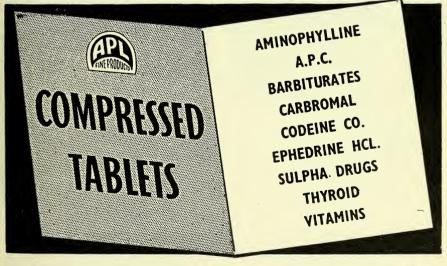
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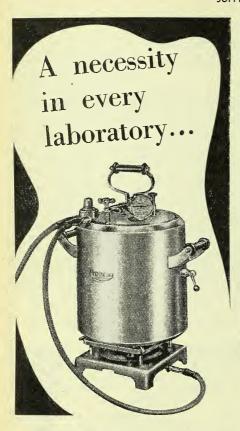
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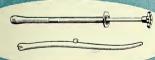
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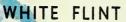
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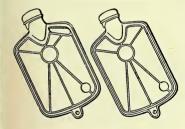


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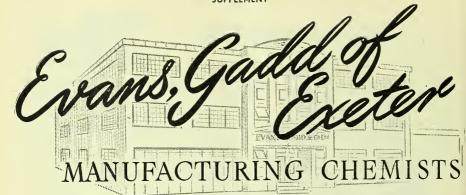
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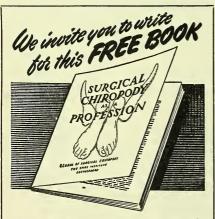
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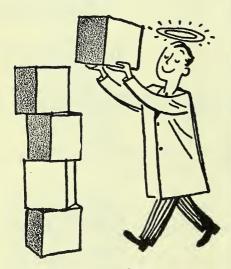
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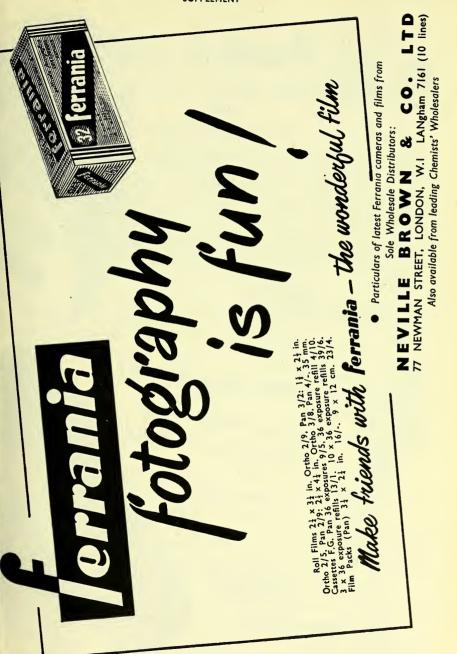
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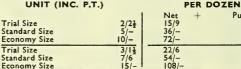


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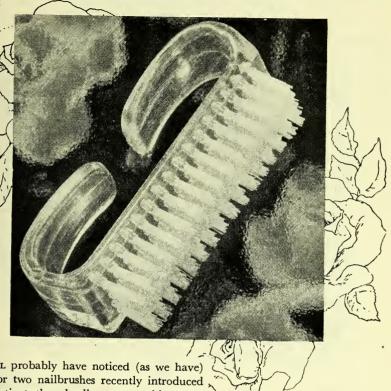
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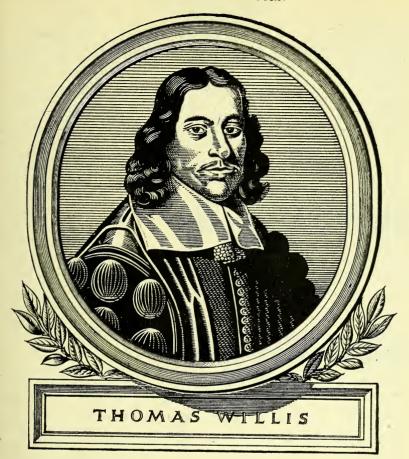
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#### NEWS OF THE WEEK

Tax Relief for U.S. Purchases.—The resent relief from purchase tax on goods urchased by the United States Air Force of Great Britain is to be extended to all oods bought by the U.S. Government gencies in furtherance of the common efence effort.

N.H.S. Data for January. — Figures sued by the Joint Pricing Committee for ngland show that the number of prescriptions issued in England during January was 26,760,264 (17,061,919 forms). The total cost of ingredients, fees and ontainers during the month was 4,124,130.

Guild of Public Pharmacists.—Items for a genda of the 1952 annual meeting the Guild of Public Pharmacists and impleted nomination forms for its countlelection should be sent to Guild Secreties, 30B Nevern Place, Earls Court, ondon, by April 26. The meeting is to held at 17 Bloomsbury Square, London, W.C.1, on May 24.

Decrease in Fertiliser Prices.—Decreases in the permitted maximum prices

of certain fertilisers came into effect on April 1 by Statutory Instruments, 1952, Nos 668 and 681. The reductions are mainly due to decreases in the cost of sea freights and sulphuric acid. Fertilisers unaffected include sulphate of ammonia, basic slag and potash.

Purchase Tax on Face Cloths. — Face towels and face cloths not exceeding ½ sq. yd. in area are now free of purchase tax if the statutory wholesale value is 2s. or under (3s. or under in the case of material comprising not less than 80 per cent, by weight of flax). Above these limits purchase tax is chargeable but only on the difference, as in wearing apparel (see C. & D., March 15, p. 334).

Tour of French Lecturers.—A British lecture tour is being given under the auspices of the Franco-British Pharmaceutical Commission, April 22-30, by Professor M. Guillot (Faculté de Pharmacie, Paris) and Monsieur R. L. J. Morice (President, Control Council of Section D of the French Ordre National des Pharmaciens). The former is lecturing on "Pharmaceutical

Education in France" and "The Use of Radioisotopes in Clinical Biology" and the latter on "Pharmaceutical Organisation in France." The lectures will be given in Birmingham on April 22-23, Leicester (April 24), Bradford (April 25-26), and Edinburgh (April 28).

Praise for Walsall Prescribers. — The average cost of prescriptions in Walsall in 1950 was 2s. 7d., the lowest figure for any area in the country, and 71d. less than the national average. Commenting on that figure, Mr. R. J. B. Shelley (chair-man, Walsall Pharmaceutical Committee), said: "If doctors everywhere were as sensible as those in Walsall, the proposed one shilling prescription charge would not be necessary. Our local doctors deserve the credit," said Mr. Shelley. "They prescribe sufficient medicine for the patient's needs-they don't prescribe huge supplies just to keep the patient away from their surgeries for a month or two." In 1950, Walsall patients consumed 15s. 2d, worth of medicine each (compared with a national consumption of 17s. 3d.). But they visited the doctors more frequently—5.8 times compared with a national frequency of 5.4 times.

#### LOCAL NEWS

Works Visit.—Pharmacy students from the Liverpool College of Technology visited the laboratories of Thomas Kerfoot & Co., Ltd., Ashton-under-Lyne, Lancs, recently.

Wight Pharmaceutical Committee.— The following were recently elected officers, Isle of Wight Pharmaceutical Committee:—Chairman, Mr. W. Ramage; Secretary, Mr. E. Weeks, 64 George Street, Ryde; and Treasurer, Mr. V. Hinkley.

\$3,000 Saved by Appointing a Pharmacist.—At a meeting of the Hartlepools Hospitals Management Committee recently it was announced that £3,000 had been saved in drugs and dressings since the appointment of a pharmacist.

Prize for Display.—In a window-dressing competition sponsored by the Ramsgate Chamber of Commerce, recently, Boots, Ltd., 18 Harbour Street, Ramsgate, won a diploma of merit for the best entry in the "Things to use" class.

Works Visits.—Recent visitors to the works of Evans Medical Supplies, Ltd., Speke, Liverpool, 19, include Northern area members of the Institute of Packaging

and students from the department of pharmacy, Liverpool College of Technology.

Gifts to Leeds University.—Gifts of £600 from Monsanto Chemicals, Ltd., and of £200 from Imperial Chemical Industries, Ltd., are among a number that were acknowledged recently by the council of the University of Leeds.

Bebington and Wirral Officers.—Recently elected officers of the Bebington and Mid-Wirral Chemists' Association for 1952-53 are:—Chairman, Mr. J. Gaulter: Treasurer, Mr. T. H. Schofield; Secretary, Mrs. Jean Knowles, 6 The Arcade, Deansgate, Ellesmere Port, Ches.

Southgate Division Officers.—Southgate Division of the North London Pharmaceutical Association held its annual meeting on April 7 and elected Mr. G. E. Goss President and Mr. 1. Lewis Vice-president, and re-elected Mr. J. C. Walters Treasurer and Mr. J. A. Towe, 85 Green Lanes, N.13, Secretary.

N.H.S. in Leeds.—At a meeting of the Bradford Executive Council on February 6, a motion deprecating the proposed levy of 1s. for prescriptions dispensed under the National Health Service was defeated. The revised estimate for the pharmaceutica service for the year ending March 31 was £298,730 (previously £213,730).

A Contractor Admonished. — Afte considering a mistake on a test prescription in which tablets containing 5 mgm. ascorbiacid instead of 50 mgm. as stipulated it the National Formulary were supplied, the London Pharmaceutical Committee acvised the pharmacist who dispensed the tablets to "make himself familiar" with those aspects of National Health Servic work that concerned his employers' contract. The committee also recommende a caution and monetary penalty.

#### IRISH NEWS

Young Priests' Society. — The annumeeting of the pharmacy branch of the St. Joseph's Young Priests' Society wheld at Merrion Square, Dublin, on Marce 25. The statement of accounts show that subscriptions received for 1951 carto £322, of which £110 came from twholesale and the balance from the retractions of the trade. The amount painto the students' fund was £282 tos. Marce G. Coleman, B.L. (registrar, Pharmaceutical Society of Ireland), propose and Mr. P. F. McGrath seconded, addition of the report Reverend A. M. Crof

O.P., addressed the meeting on his experiences in Australia, and Reverend K. Cullen, O.S.A., on his experiences in Nigeria. Persons who wish to become promoters are asked to communicate with Miss Peggy Fallon, Rialto Pharmacy, Rialto, Dublin.

T.B. Drug under Trial. — The Irish Ministry of Health has announced that the first clinical tests of a new antitubercular drug, Rimifon, are being made. Roche Products, Ltd., Welwyn Garden City, Herts, England, have made available in the Republic free of charge a limited quantity of the drug. No supplies will be available through the ordinary trade channels for some months. The Minister for Health stated recently that "considerable caution" must be maintained for the present.

Ulster Chemists' Association.-At the April meeting of the Executive Committee of the Ulster Chemists' Association, the president (Mr. W. R. McNabb) in the chair, the following new members were elected: Miss M. M. McKenzie, Ph.C., Hilltown Pharmacy, Hilltown, co. Down; G. M. Armstrong, Ph.C., 8 North Street, Carrickfergus; Mr. P. L. McGrath, 24 St. Bride Street, Carrickfergus, Mr. W. J. Barnes (apprentice), whose name had been approved at a previous meeting of the Associates' Committee, was admitted to Associateship. A number of price changes were approved, and a discussion took place on the "blue list" now in course of preparation. Following a discussion on new lines offered for display free of charge, the secretary (Miss A. E. Strachan) was instructed to advise members against such displays if the goods were not on the C.F. list. A sum of £24 10s. raised at the recent whist drive was forwarded to the Northern Ireland Chemists' Benevolent Fund.

#### SCOTTISH NEWS

Provision for Pharmacy at Caldercruix. -A chemist's shop is among shops allocated recently in the Caldercruix, Lanarks, housing scheme.

Payment for Adrenaline Cream.—The Pharmaceutical Standing Committee (Scotland) has notified Scottish chemist contractors that the Department of Health has agreed that prescriptions for adrenaline cream (for which payment had been postponed) could be passed through for payment. The prescriptions were originally returned to contractors with a request that

they should be endorsed by the prescriber that a particular brand was required.

Analysis of Dispensing.—To provide up-to-date information on dispensing costs, the Pharmaceutical Standing Committee (Scotland) has circularised chemist contractors under the National Health Service in Scotland with a questionnaire form seeking information on their January 1952 prescriptions. So that the figures will be truly representative of Scotland, every contractor is urged to complete and return the form. The replies will be treated as confidential, and will be used for statistical purposes only.

#### STATUTORY COMMITTEE ALTERS A DECISION

THE Statutory Committee of the Pharmaceutical Society met on April 2, with Mr. D. A. Scott Cairns, Q.C., in the chair. The CHAIRMAN announced that since the close of the inquiry into the case of Mr. Thomas Morley Willoughby on March 5 (C. & D., March 15, p. 335), some members of the Committee had felt that there were extenuating circumstances that would have justified the Committee in fixing a shorter period in regard to an application for restoration to the Register. The matter had accordingly been reconsidered. Having regard to all the circumstances and in particular to Mr. Willoughby's evidence that he had told the messenger referred to in the case to return to the doctor with the medicine for his instructions, and notwithstanding that the Committee was satisfied that there had been a serious departure from Mr. Willoughby's duty as a pharmacist, the Committee would entertain an application for restoration if made not less than six months from March 5 As the decision of March 5 would not take effect until June 5 that would mean that an application if successful could take effect within three months from the date of removal.

The Committee considered two other cases. The first related to prescriptions dispensed by a pharmacist and was adjourned for further evidence. The second, which related to charges that a pharmacist was addicted to alcohol to an extent that made him unfit to take charge of a pharmacy, was dismissed. It was felt that the evidence called did not prove the case nor, indeed, set up any case which the pharmacist could properly be called upon to answer

#### BRANCH AND ASSOCIATION MEETINGS

President on Advertising.—At a meeting of the Harrogate Branch of the Pharmaceutical Society in Harrogate on March 13, Mr. F. C. Wilson (president of the Society) appealed to pharmacists to refrain from displaying showcards with wording that would not be permitted in the Press. The Press had reduced extravagant advertising and advertisements to which exception could be taken were rare.

Southampton Members at Salisbury.—Thirty-three members of the Southampton Branch of the Pharmaceutical Society visited Salisbury — where many Branch members live—on March 19. They had tea with the Salisbury members and at 6 p.m. held a branch meeting at which Mr. E. W. Jenkins (vice-chairman) presided, and Mr. J. M. Dowty (a member of the Society's Council) gave a talk on the work of the Council.

N.H.S. Quiz at Worthing .- A meeting of the Worthing Branch of the Pharmaceutical Society held in Worthing recently took the form of a quiz. A question by Mr. J. W. Bay on disallowed National Health Service prescriptions was answered by Mr. H. G. Read, who criticised the rigidity of the schedule of appliances. Mr. W. D. Troup stated that the Pharmaceutical Committee continually complained, but that the attitude of the Ministry was inflexible. Mr. H. R. Storm asked if hospitals could refuse to issue prescriptions to out-patients and Mr. E. J. Cuer answered that there was no obligation to issue prescriptions where the hospital had a dispensary. Mr. Cuer pointed out that in Crawley New Town it was planned to have a business that would practise "pure pharmacy" only, and asked if N.H.S. had divided pharmacies into two kinds-those that welcomed prescriptions in large num-bers and those that were "counter drug stores." Mr. Troup said that there had always been that division.

Portsmouth Activities.—At a meeting of the Portsmouth Branch of the Pharmaceutical Society held at Southsea recently, Mr. J. Elder in the chair, an address was given by Mr. A. L. Williams, F.R.I.C., on his work as public analyst to the City of Portsmouth, Messrs, H. N. Griffiths, R. E. Clark and J. C. Bloomfield were appointed delegates to the Branch Representatives' meeting of the Society The meeting showed concern and dismay at the action of the Society's Council in

ruling out of order one of the motions that had been put forward and that had been agreed at the Southern regional conference—a resolution on the salary offered for the post of inspector of the Society. The Branch also took exception to a change of wording (recommended by the secretary of the Society) in a resolution in the names of the Portsmouth, Bournemouth and Southampton Branches on the limitation of new pharmacies.-A recent meeting of the Portsmouth Chemists' Association held in Portsmouth, under the chairmanship of its president (Mr. M. L. Gregory), took the form of a film "Animated Hæmatology." The films (sponsored by Armour Laboratories, Ltd.) were "Red Bone Marrow" and "Hæmopoietic Principle." Messrs. O'Meara (medical representative for Armour Laboratories) and S. G. T. Davenport (chief technician, who presented the programme). answered questions.

Pharmacy under Review.—At a meet. ing of the Wolverhampton Branch of the Pharmaceuical Society held in Wolver hampton recently, Mr. D. W. Hud son (a member of the Council of the Phar maceutical Society) gave an address en titled "The Practice of Pharmacy: Past Present and Future." He traced the his tory of pharmacy from the Apprentices Charter in the early days of the 16th cer tury. Dealing with the past ten years, h said that they could be defined as "th period of negotiation," during which ther had been discussions with the Ministr of Health, the Board of Trade, The Hom Office, the British Medical Association, th British Dental Association and other bodies. In the past few years there ha been three major adjustments affectir the practice of pharmacy and there ha been no attempt at consolidation or r v'ew at each stage before proceeding the next one. Those were the institution of the National Health Service, the chan in the Society's educational policy, as the creation of a single type of phan In discussion many speake showed concern at the present hi standard of educational knowledge quired by the candidate who would qualification have little more to do the count out tablets and stick labels on p viously manufactured products." Mr. Hu son agreed that that factor was causi much disillusionment amongst young m now qualifying,

# **TOPICAL REFLECTIONS**

## Toxic Chemicals in Trade

The editorial article on the Agricultural (Poisonous Substances) Bill (pp. 477-78) has, I hope, been carefully studied by those engaged in the manufacture and sale of toxic chemicals used in any trade or industry. On p. 462 a forthcoming conference on safety in chemical works is announced: the organising body is the Association of British Chemical Manufacturers. The list of topics to be presented shows that, so far as manufacture is concerned, the provision of measures for ensuring safety in handling poisonous substances is being examined thoroughly. Legal requirements for sales form an aspect of the subject which, as your comment shows, is not at present sufficiently explicit. This aspect will, I presume, receive the attention of the Poisons Board. Some months ago I pointed out that inevitable risks arise in handling new or nearly new chemicals of uncertain toxicity. The use of such chemicals has extended to several trade processes (including the management of crops), and it is highly important that as large a margin of safety as possible should be provided for everyone using these chemicals. No sooner does one type of weed-killer, for example, get nto general use than another type, held o be superior, receives publicity. No one s to be blamed for this state of affairs; but here seems to be no end in sight. A point o be borne in mind, therefore, is that hemical products can be marketed before heir toxicity has been fully tested for legree, duration, and after effects.

## Help in Dispensing

A thoughtful suggestion of a basis for ssistance in dispensing by persons other han pharmacists is made in the excellent rticle by Mr. H. Long on pp. 480-81. uch persons, Mr. Long contends, "could nly be correctly placed in a register of ssistants in dispensing that would be enrely separate from the statutory register pharmacists." The Pharmaceutical Socty, he adds, "is the appropriate, indeed the only, body to undertake the preparaon and maintenance of such a register." or the title of these technicians your conibutor proposes "dispensary assistants." ther proposals will probably be forthming; for the subject has aroused so uch interest that it cannot be left where is. Mr. Long's division of the assistants

into two grades is ingenious and not unduly elaborate. He desires that, after a minimum standard in general education has been certified, schedules of practical training, prescribed by the Pharmaceutical Society, should be carried out under qualified supervision. Costs and fees could, it is thought, be kept within reasonable limits. That matter should, in fact, present no great difficulty: the examination requirements would naturally be much simpler than those for a pharmaceutical qualification. Here, then, is a well-planned scheme that may promote discussion.

## Council Candidates

On p. 491 the names of fifteen candidates for election to the Council of the Pharmaceutical Society next month are printed. Need I add that the number of vacant seats is seven? A brief analysis may be of service. Six of the fifteen candidates are councillors who are retiring by rotation; five others unsuccessfully contested last year's Council election; the remaining four did not appear then, though one of them offered his services in 1950. The position of British pharmacy as an entity, and that of the Pharmaceutical Society as its oldest organisation, afford ample reason for taking an active interest in this election and similar events. No one doubts, I suppose, that the Society would be in a better position if it could claim the full support of its members. I am tempted to wish that an election, when one is held, could be so arranged that voting papers could be sent out with the Society's annual demand for statutory fees; postage would thus be saved, and some members now indifferent to the composition of the Council might take the trouble to make a few crosses. What is involved in reserving the right to address the electorate on this occasion, a declaration attributed to a few unnamed candidates, I do not know. But if unheard melodies are, as Keats tells us, sweeter than those heard, it may be that unpublished addresses are more acceptable in present circumstances than published ones.

# A Pioneer in Photographic Organisation

One of the two pioneer pharmacists in the Photographic Dealers' Association to whom I referred last week (p. 465) was, of course, Mr. J. C. Young, Ph.C., and not as stated. Mr. Young, I am happy to learn, is very much alive. Xrayser

## COMPANY NEWS

Mr. A. E. V. HOUCHEN has been appointed managing director of the County Perfumery Co., Ltd., and chairman of Silvikrin Laboratories, Ltd.

Yardley & Co., Ltd.—A final dividend of 25 per cent, for 1951 on increased capital is recommended. Group net profit, subject to audit, was £528,621 (against £617,879 in 1950) after tax, £768,757 (£723,023).

ASCOTT PHARMACIES, LTD. — Consolidated net profit, subject to audit, for year ended September 30, 1951, was £7,065 (against a net loss of £2,797 in the previous year). A preference dividend of 7 per cent, for one year (leaving one years' arrears) is proposed.

C. F. GERHARDT, LTD. — Messrs. R. Gordon Archer, Edson F. Woodward (U.S.A.) and W. J. Douglas Gardner have been appointed directors of the company, and Mr. E. G. Misani continues as a director. Mr. A. E. Stockford has resigned from the board.

SMITH & NEPHEW ASSOCIATED COM-PANIES, LTD. — Net profit for 1951 amounted to £108,756 after providing £173,342 for tax (against £124,747 and £137,273, tax). A dividend on ordinary of 25 per cent., less tax, is recommended. The rate is the same as for 1950 but is payable on larger capital.

ALLEN & HANBURYS, LTD.—An interim dividend on ordinary shares of  $7\frac{1}{2}$  per cent., less tax, is declared. The increase in this interim dividend does not indicate any intention to make a larger distribution for the year ending June 30, but is made solely with a view to reducing the difference that has previously existed between the rates of the interim and final dividends.

EVANS MEDICAL SUPPLIES, LTD.—The preliminary statement of accounts shows that during 1951 group trading and manufacturing profit rose to £478,743 from £277.355 in 1950. Net profit after tax was £151,149 (against £65,561) of which £123,595 (£61,482) was attributable to the parent company. The largest single factor responsible for the improved results is stated to be an increase exceeding 50 per cent. in the company's overseas sales. A final dividend of 5 per cent, and bonus of 2 per cent. on ordinary capital is recommended making 10 per cent, for the year, less tax.

## New Companies

E. H. Judge & Son, Ltd. (P.C.).—Capital £3,500. To carry on the business of dispensing, veterinary, wholesale and retail chemists, etc. Edgar W. Judge, M.P.S. Constance S. Judge and Sylvia M. Judge directors. R.O.: 20 North Street, Bourne Lines.

A. A. Kennett, Ltd. (P.C.).—Capita £2,500. To acquire the business of a chemist, optician, etc., carried on by Augustus A. Kennett, M.P.S., at Broadway Pharmacy, Lambourn, Berks. Augustus A. Kennett, and Renee M. Bell directors.

Sandgate Pharmacy, Ltd. (P.C.).—Capital £100. To carry on the busines of wholesale or retail and general chemists, etc. John L. La Frenais, George L La Frenais, and Mertha J. H. La Frenais directors. R.O.: Offices of Ernest J George & Co., 329 High Holborn, London, W.C.1.

ALLEN CHLOROPHYLL Co., LTD. (P.C.—Capital £100. To carry on the busines of manufacturers and marketers of a types of chlorophyll, etc. Roger K. Allei Reginald P. Merritt, Ph.C., Kenneth (Allen and Anthony W. Allen, director R.O.: 20 Wharf Road, London, N.1.

# **BUSINESS CHANGES**

GOYA, LTD., have opened a branc office at 3 rue Scribe, Paris, France.

HALEX, LTD., are opening a showrood at 7 Pall Mall, Manchester, 7, on Apr 16, under the direction of Mr. J. C. Bal

# **Appointments**

C. E. FULFORD, LTD., Carlton Hi Leeds, 2, have appointed Mr. S. M. ( Clifford their representative in Cheshi and North Wales.

BEECHAM GROUP, LTD., 68 Pall Ma London, S.W.I, have appointed Mr. N. Fabricius their market controller fro April 1.

C. J. HEWLETT & SON, LTD., 35 Cha lotte Road, London, E.C.2, have appointe Mr. F. E. Smith, M.P.S.I., their representative in the Irish Republic and Northern Ireland.

WHIFFEN & SONS, LTD., Carnwath Roa London, S.W.6, have appointed Mr. F. I Taylor (formerly their London and Sout ern England representative) to take char of their home sales department.

# THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

The National Health Service Bill was debated in committee on April 3. An amendment moved by Mr. H. A. Marquand to limit the operation of the proposed charges to the period ending April 1, 1954, was defeated by 275 votes to 262. In the debate Mr. H. N. Linstead stated that he would like to see certain groups, such as those suffering from tuberculosis or diabetes, excluded from the charges, but he could not see how that could be done if the scheme was to work. Mr. H. Crookshank (Minister of Health) said there was power in the Bill to vary or abolish the prescription charge by Order in Council. He did not see why anybody should assume that this was a form of permanent charge.

An amendment by Dr. Edith Summerskill to exempt from the levy drugs supplied to hospital out-patients was defeated

when voted on.

In reply to questions by Dr. Barnet Stross and Mr. Arthur Blenkinsop, Miss Patricia Hornsby Smith (Parliamentary Secretary to the Ministry of Health) said that if a patient handed in a prescription to a chemist to go forward under the Service he would pay the shiling charge. "If the chemist knows that that item costs a matter of a few pence, the patient could pay the charge direct, in which case the claim would not go forward."

MR. BLENKINSOP asked whose job in inspitals it would be to decide what the value of the medicine was. DR. STROSS sked what the procedure would be when attents exempt by poverty had to relaim a charge of less than a shilling. Are we to assume that they may have receipt for twopence or threepence? It would be invidious if they had a return f one shilling for an expenditure of two-ence." He asked also for a direction on ho were out-patients. Are people who ttend the T.B. dispensaries considered to e out-patients? MISS HORNSBY-SMITH indicated assent.

MR. BLENKINSOP, later, said the imortant point was how the charge was to perate in the case of out-patients. "Who to collect the money? Is it to be done n the pharmacy side or is it a job for he almoner?."

Miss Hornsby-Smith: The hospital ill collect the shilling, and it will be for the hospital management committee, or for

the superintendent and officers of the hospital, to decide whether the charge will be collected in the dispensary or in the almoner's department.

## Medicinal Turpentine Tax

Mr. R. E. Butler (Chancellor of the Exchequer) told Mr. F. J. Errol on April 1, that the tax on turpentine used for medicinal purposes was about £5,000 a year at a pre-Budget rate of duty, and the estimated yield at the present duty (2s. 6d. per gallon) £7,000 a year.

### Gelatin Production

Mr. Peter Thorneycroft told Mr. S. Marshall on April 1, that it was estimated that the production of edible, technical and photographic gelatins during 1952 would equal that in 1951 (edible, 9,554 tons; technical 2,367 tons; photographic 1,155 tons).

## Medicines to Private Patients

MR. HARRY CROOKSHANK told MR. M. Stewart on April 1, that he could hold no prospect of legislation to permit medicines prescribed by doctors outside the National Health Service being supplied free of charge as part of the Service.

### N.H.S. Details

MR. HARRY CROOKSHANK (Minister of Health) told Dr. A. D. D. BROUGHTON on April 3, that the approximate average cost in England and Wales in the second half of 1948 was 2s. 8½d. In the years 1949 and 1950 it was 3s. and 3s. 2½d. respectively. Complete figures for 1951 were not yet available, but the average cost was estimated to be 3s. 8d. No figures were available for 1952. The numbers of prescriptions dispensed in January 1949, 1950 and 1952, were respectively 18,343,000; 19,892,000; 28,917,000 and 20,799,000.

## Imports into Hong Kong

MR. OLIVER LYTTELTON gave LIEUTEN-ANT-COLONEL J. D. R. T. TINLEY details of total imports of pharmaceuticals into Hong Kong from the United Kingdom and five other countries over the period January 1951 to February 1952, in a written reply on April 3. The United Kingdom at present demanded essentiality certificates for certain antibiotics, sulphonamides and antimalarials.

## MARRIAGES

AGNEW—GILLAN.—At Old Place of Mochrum, Port William, Wigtowns, on March 29, James Agnew, M.P.S., Ashwood, Stranraer, to Kathleen Gillan, S.R.N., Cordoba, Mexico City, Mexico.

Green—Russell.—At St. Margaret's Parish Church, Knightswood, Glasgow, on April 3, Edward Green, M.P.S., 5 Dungoyne Street, Glasgow, to Isabel Margaret Russell, 55 Cowdenhill Road, Glasgow, W.3.

Main—Walker.—At Dunnottar Church, Stonehaven, Kincardines, on April 4, Stanley Main, M.P.S., 39 Dunnottar Avenue, Stonehaven, to Maureen Walker, B.Sc., Bilsland Drive, Glasgow, N.W.

# DEATHS

Caswell.—On March 24, Mr. Joseph Alban Caswell, M.P.S., 8 Woodland Road, Lower Pontnewydd, Mon, aged eightyseven.

CLARKE.—Recently, Mr. Harry Allanson Clarke, M.P.S., High Street, Brentwood, Essex, aged seventy-four. Mr. Clarke, who qualified in 1904, had worked for Boots, Ltd., in London, and later travelled abroad. He settled in Brentwood in 1930.

DOWNIE.—In hospital on April 3, Mr. James Walker Downie, M.P.S., Minard, 13 Lochend Drive, Bearsden, Glasgow. Mr. Downie qualified in 1901.

Gamlen.—In hospital, on March 21, Mr. Sydney Armstrong Gamlen, M.P.S. (managing director of Gamlen & Son, Ltd., 223 York Road, West Hartlepool, Durham), aged forty-six.

HILL.—At Corton, near Lowestoft, Suffolk, on March 30, Sir Leonard Erskine Hill, F.R.S., M.B., Fellow of University College, London, LL.D. (Aberdeen). Sir Leonard, a distinguished physiologist, had been a pupil of Sir Edward Schafer at University College, London. He was appointed professor of physiology in the London Hospital Medical School and later became the director of the department of applied physiology at the National Institute of Medical Research (then at Hampstead, London). His publications, which deal mostly with aspects of respiration, were written for scientific and lay readers.

JOHNSTON. — On April 3, Mr. Henry Johnston, M.P.S.N.I., 163 Old Lodge

Road, Belfast. Mr. Johnston qualified as a Registered Druggist under the Pharmaceutical Society of Ireland and in 1926 as a Pharmaceutical Chemist under the Pharmaceutical Society of Northern Ireland his apprenticeship having been served with Thomas McMullan & Co., Ltd., Belfast Mr. Johnston was a vice-president of the Chemists' and Druggists' Society of Ireland, which was representated at his funeral by Mr. Fred Storey, C.B.E., it president. Mr. Johnston had been in business in Old Lodge Road for fifty-fou years.

LINDSAY. — At Balruddery, Culzea Road, Maybole, Ayrs, on March 29, Mr. Emma Lindsay (wife of Mr. J. Martin W Lindsay, M.P.S., Maybole). Mrs. Lindsa had had a long illness.

Taylor.—On February 11, Mr. Adar Taylor, M.P.S., 15 Munro Road, Jorda Hill, Glasgow, W.3. Mr. Taylor qualifie in 1916 and served for many years as chie pharmacist to the Western Infirmar Glasgow.

THOMAS.—At 20 Belmont Terrac Aberaman, Aberdare, Glam, on March 2. Mr. Isaac Evan Thomas, J.P., M.P.S aged seventy-five. Mr. Thomas, who qui lified in 1898, had been in business Lewis Street, Aberaman, for thirty-fiv years until his retirement in 1941. He w appointed a justice of the peace in 193 and retired from the Bench in Novemb 1951. He was the first president of tl Aberdare and Merthyr Branch of the Pharmaceutical Society, a past-chairm of the Aberdare Valley Branch of the N tional Pharmaceutical Union, and a page of the Pharmaceutical Union Union, and a page of the Pharmaceutical Union Un president of the Federation of Wel Pharmaceutical Committees, For ma years he was on the Glamorgan Pharm ceutical Services Committee and had a served on the pharmacy advisory comm tee of the Cardiff Technical College. N Thomas was for over ten years chairm of the Aberdare Valley Golf Club and a senior deacon of Gwawr Welsh Bapt Chapel, Aberaman.

Mr. W. Parry Williams, M.P.S. (sec tary to the Glamorgan Pharmaceuti Committee) writes: With the death Mr. I. E. Thomas comes a break in friendship of forty years, and collaborati in the work of the Pharmaceutical Comittee for nearly as long. He was a rof loyal friendship, high integrity amoral worth. His passing is a heavy I to pharmacy and the community in wh

he lived.

# **PERSONALITIES**

Mr. J. Anderson Stewart, B.Sc., B.L., Ph.C. (secretary of the Middlesex Pharmaceutical Committee), has been appointed chairman of the Edmonton Group Hospital Management Committee.

Mr. R. Gordon Archer, who has been appointed managing director of C. F. Ger-



hardt, Ltd., London, was educated at Hymers College, joined the Army at the age of twenty years, and became a dispenser at No. 1 General Hospital. British Expeditionary Force, France, in 1940. In 1942 he was commissioned in the Royal Corps of Signals. served in France,

Belgium, Germany, Italy, Palestine and Egypt. In 1945 he was appointed Second in Command, 3rd Divisional Signal Regiment, and served in that capacity overseas until 1947. On leaving the Army, Mr. Archer joined the staff of Whiffen & Sons, Ltd., as representative for the Midlands, North of England and Scotland, and beame a familiar figure in the trade. 1949 he became manager of the company's home sales department and attenled meetings of division C of the Assoiation British Pharmaceutical Industry as he company's representative. In 1950 he vas appointed chairman of two commitees of the A.B.P.l., and continued as hairman of one and vice-chairman of the ther during 1951.

MR. RALPH THORNTON, B. Pharm (son of Ir. N. Thornton, a director of Thornton Ross, Ltd., Huddersfield) has been elected n associate of the Royal Institute of hemistry.

Mr. J. F. Byrne (managing director of aines & Byrne, Ltd., Greenford, Middlex) is leaving England on April 16 for an xport-promotion visit to the U.S.A. Mr. yrne expects to return to England in une.

Mr. Leslie Henry Lester, M.P.S. (a frector and the superintendent of Lesters hemists, Ltd., Nuneaton, Warwicks) has een appointed a justice of the peace for arwickshire. He will sit on the Nunton bench.

Mr. James Hutchison, M.P.S., was presented at a ceremony in Stirling, recently, with a wireless set as a wedding present from the directors and staffs of two Stirling pharmacies-John Skinner, Ltd. (a company for whom he works) and John Anthony & Co., Ltd.

Among the overseas pharmaceutical students who attended the annual conference of the British Pharmaceutical Students' Association (see p. 514) were Mr. Pierre Gauchet (secrétaire de l'Association Amicale des Etudiants en Pharmacie de France), Mr. J. N. Banerjee, B.Pharm. (University of Benares) (secretary, Bombay State Branch of the Indian Pharmaceutical Association), and Mr. Dieter Braun (a student at the University of Tübingen, Germany, and president of the pharmaceutical students' organisation at the university). Mr. Banerjee is at present doing research work in pharmacology at Nottingham University. Mr. Braun attended as a delegate of the Arbeitsgemeinschaft Pharmaziestudenten (AGPHA), the German pharmaceutical students' organisation.

# COMING EVENTS

Monday, April 14

South Shields Pharmacists' Association, Dorset Café, South Shields, at 7.30 p.m. Meeting.

Tuesday, April 15

WEST MIDDLESEX CHEMISTS' ASSOCIATION, and BRANCH, Feathers Hotel, The Broadway, Ealing, London, W.5, at 8 p.m. Annual meeting.

Wednesday, April 16

SCOTTISH DEPARTMENT, PHARMACEUTICAL SOCIETY, North British Hotel, Edinburgh, at 6.45 for 7.15 p.m. Centenary dinner.

Western (London) Pharmacists' Association, 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Dr. H. E. Archer, Ph.C., on "The Work of a Chemical Pathologist."

Thursday, April 17

HARROGATE BRANCH, PHARMACEUTICAL SOCIETY, Fuller's Café, Parliament Street, Harrogate, at 7.30 p.m. Mr. R. H. Kemp (secretary, Chemists Federation) on "Pharmaceutical Finance and a Policy for Retail Pharmacy."

JUNIOR BRANCH. MANCHESTER PHARMACEUTICAL ASSOCIATION, Houldsworth Hal, Manchester, at 7.30 p.m. Annual general meeting.

Merseyside Branch, National Association of Women Pharmacists, Y.W.C.A. Room, Slater Street, Liferpool, at 7,15 for 7,45 p.m. Colour film: "Peptic Ulcer."

Portsmouth Branch, Pharmaceutical Society, Solent Hotel, South Parade, Southsea, at 7.30 p.m. Dr. F. J. Dyer on "Pharmacology, its Reagents and Scope."

Friday, April 18

Birkenhead and Wirral Pharmacists' Association, Hulme Hall, Birkenhead, Dance.

# TRADE NOTES

Price List.—The 1952 trade price list of Roussel Laboratories, Ltd., 847 Harrow Road, London, N.W.10, has been mailed to all retail chemists in the United Kingdom.

Distribution in Northern Ireland.— Northern Ireland Distributors, Ltd., Glenarm, co. Antrim, offer a distribution service to chemists in Northern Ireland.

Agents Invited for Rupture Support.— Beasley's Ltd., The Manor House, Newnham, Glos, invite chemists to take up agencies for their rupture support.

Spelling of a Trade Mark.—Champion (Scissors), Ltd., Hoyle Street, Sheffield, 3, point out that their trade mark Kumfi-Kut is as spelt and not as recently given in these columns.

Bonus Offer.—Thos. Christy & Co., Ltd., Aldershot, give details on another page of a special display offer (one doz. charged as eleven; four free on three doz.) of Per-de-co denture fixative.

Bee-venom Ointment.—Antibody Products Ltd., Bushey Grove Road, Watford, Herts, recently placed on the market a British bee-venom ointment for external treatment. It is available in ½-oz. and 1-oz. containers.

Concentric Dial Calculators.—Fowler's (Calculators), Ltd., Hampson Street Works, Sale, Manchester, issue a range of concentric scale calculators for science students and others. The vest-pocket model gives results accurate to three (and often four) significant figures.

Window-display Prizewinners. — The following were successful in a national window display competition organised by Personality Beauty Products, Ltd., Ashbyde-la-Zouche, Leics:—National and area No. 2, Rushworths, Ltd., Huddersfield, Area No. 3, Thomas Brown (Chemists), Ltd., Stockton Heath, Warrington. Area

No. 4. Maldon Co-operative Society, Ltd., Pharmacy Department, Maldon, Essex. Area No. 5, M. A. Gordon, 426 Watford Way, London, W.7. Area No. 6, The Shurzine Pharmacy, 12 Wellington Place, Hastings. The winning display is illustrated.

DDT "Butterfly."—Silverthorn Manufacturers, Ltd., 35 College Gardens, Chingford, London, E.4, issue a Surekill DDT "butterfly" in nine colours. Samples may be had on application.

Contrasting Tints in the Hair.—Ashe Laboratories, Ltd., Leatherhead, Surrey gave a demonstration recently of a nev



The prepar hair cosmetic: Colaire. tion (a powder available in the color champagne, sun gold, amber, coral bronz autumn glow, and silver moon) is brush lightly into the hair for a few seconds give a highlight or contrasting tint to ha or to give an even colour to greying ha Brushing out the colour restores t natural colour of the hair. Colaire c be carried as easily as a compact. claimed harmless and described as "t most revolutionary development since perm." The illustration shows how a silv streak in dark hair is produced with " ver moon.'



Frameless Glass Showcases.—The showcase illustrated (in use to display a range of cosmetics), is in the range of frameless showcases offered by William Goode, Ltd., 19 Clifton Road, Rugby. Messrs. Goode are able to pack for export in specially designed non-returnable wooden packing cases, and to dispatch showcases. unseveral same assembled. in the packing case and fully in-sured. Showcases supplied to customers in the United Kingdom are insured free of charge to customer for a period of twelve months. subject to compliance with company's standard terms of business. Delivery can usually be made ex stock, and special sizes and shapes can often be dis-

patched in three or four weeks from reeipt of order. The standard model illustrated is 30 in. high, 14 in. wide and 10

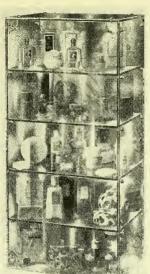
n, deep.

Trade Visitor from America. — Mr. Charles L. Bowman, of Charles Bowman Co., and Bowman Feed Products, Inc., New York City, is at present in this country on a buying mission. Mr. Bowman, who s primarily interested in chlorophyll, kerain and sterols. He can be contacted at laridge's Hotel, London, W.I.

Agents in Northern Ireland and Eire.

Sorex (London), Ltd., 105 Tonbridge oad, Maidstone, Kent, have appointed larold Mitchell & Co., Ltd., 321 Grosenor Road, Belfast, the sole distributors 1 Northern Ireland, and Boileau & Boyd, td., 91 Bride Street, Dublin, C.7, their ole distributors in the Republic of Ireland for their Squeak mouse exterminator.

Chlorophyll Supplies.—As a result of the greatly increased interest being taken a chlorophyll as a deodorant, and for edicinal purposes, a subsidiary company Stafford Allen & Sons, Ltd., the Allen hlorophyll Co., Ltd. (see p. 498), has been registered. The company is manucturing water-soluble chlorophylls with a dium-copper chlorophyllin content of per cent. and upwards; sodium-iron lorophyllin concentrates; and others, il-soluble chlorophylls are in production.



To Manufacture in South Africa. In view of the import restrictions in South Africa on British goods, Innoxa (England), Ltd., Eden Street, London, N.W.1, have decided to manufacture Innoxa cosmetics in South Africa in co-operation with their agents, Fassett & Johnson, Ltd. Machinery has been installed in the factory of the Pharmaceutical Manufacturing (S.A.) Pty, Ltd., in Durban, Innoxa barrier creams (marketed under the name of Kerodex barrier creams abroad) will continue to be exported from the United Kingdom.

Film Link-up.—To prove his contention that a display can give a more thorough link-up with a film in a small town than

large, Mr. G. S. Stephenson Spinks (manager of the Grosvenor View, Hornsea) arranged a tieup with the local cinema and Max Factor Hollywood & London (Sales), Ltd., London, W.1, during the showing of the film "Samson and Delilah" at the Star Cinema, Hornsea, A special window display was devoted solely to Max Factor preparations; a prize of a Max Factor gift set was given at each showing of the film, and other advertising methods were adopted.

# PRICE CHANGES

(I.R.P.=Inclusive retail price). Doz. Tax I.R.P. S. d. % S. d. % I.R.P. S. d. % Inclusive Crepe Paper Co., Ltd., Alperton, Middlesex Velvet handkerchief tissues 10 Box of 50, pocket pack 04 2-ply toilet tissue roll ... 14

## Proprietary Articles Trade Association

Alterations to Protected List (Part 1)

Potter & Clarke, Ltd. (Increased prices, April 15)
Potter's asthma remedy 22 0 33\frac{1}{3} 3 0
cigarettes 22 0 33\frac{1}{3} 3 0
Potter's stramonium
cigarettes 18 0 33\frac{1}{3} 2 7
Savory & Moore, Ltd. (new size)

... 13 6

 $33\frac{1}{3}$ 

1 10

Dr. Jenner's absorbent lozenges Sealtite pack

of 20

# PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

A meeting of the Council of the Pharmaceutical Society was held in London on April 1 and 2, the president (Mr. F. C.

Wilson) in the chair.

The Registrar reported that sixteen members had been nominated as candidates at the forthcoming Council election, fifteen of whom (C. & D., April 5, p. 491) had accepted nomination. Five nominations for auditors had been received and all had accepted.

## Franco-British Commission

A report of the fourth full meeting of the Franco-British Pharmaceutical Commission, held in London on March 8, was given. The commission had noted that it was not possible for hospital pharmacists of Paris to accept an invitation to visit London in 1952 as had been hoped. Professor Guillot came to Britain in April, an effort would be made to enable him to meet leading hospital pharmacists informally, and it was agreed to make, through the commission, any special invitations for exchange of visits. The commission had discussed suggestions to form an international federation of pharmaceutimanufacturers, exchange workers, award bursaries, and secure reciprocity in registration. It had been pointed out that French hospitals, being Government institutions, could not employ foreigners, and that though British pharmacists might obtain the French qualification, they would have no legal responsibility in retail and manufacturing pharmacy. The next meeting of the Commission is being held in Paris on October 11. Mr. H. N. LIN-STEAD said that a twelve-minute account of what the commission was doing had been broadcast in the B.B.C. French service. The Council appointed Mr. John Hanbury to represent the Society on the commission in place of Mr. C. W. Maplethorpe, who has It was agreed that the four members and the secretary of the British section, with the vice-president, Mr. E. A. Brocklehurst, Miss M. A. Burr, Mr. T. Heseltine and the registrar, should represent the Council at the Vichy Congress.

It was agreed to inform the Association of British Pharmaceutical Industry of the Society's views on proposals the Association would recommend to its members at its annual meeting on April 23, 1952, following the report of the Pharmaceutical Productivity Team that visited America.

On the recommendation of the Organisation Committee, it was agreed that all amendments submitted by Branches to the motions for the Branch Representatives' meeting to be held on May 22 should be accepted for inclusion in the agenda, and to make arrangements similar to those of 1951 for a ballot to decide the order in which motions should be placed on the agenda. The Council adopted a recommendation of the committee to continue for a further year the extra payment of 25 per cent, to branches and agreed to a suggestion from the Leicester Branch that instead of all members of its committee retiring at the annual meeting (as pro vided in the model rules for branches half or a third only should retire annually A proposal by the Croydon Branch to in clude certain parts of Streatham in its area was not approved. The Council decided that, in the 1952-53 session, the Society' evening meetings should be held on th second Monday in each month.

## **Examination Centres**

Mr. H. Steinman asked why 40 pe cent, of the Society's examination cand dates were now examined in Edinburgh despite the fact that there were four cer tres in England. MR. A. A. MELDRU (acting chairman of the Education Con mittee) pointed out that the Society ha no central laboratory in England, and ur til that situation was remedied Englis students would not be attracted in the san proportions. He was not in favour "farming out" examinations all over the country. Mr. J. F. McNeal said the country. some years ago he had found that th numbers in Scotland were increased by r entries. The Law Committee received report from one of the Society's inspecto that forged private prescriptions for ta lets of codeine phosphate gr. ½ were beir used by a woman in North London.

The principal of Chelsea Polytechn wrote drawing attention to the decline the number of students attending to course for the diploma and asking wheth the Society would raise any objection the governing authority were to decide hold the course in alternate years. It wagreed that the Society could take

exception to the plan.

The Committee considered a draft "Notes to assist the Apprentice-Master which had been prepared following a res

lution passed at the Branch Representatives' meeting in May 1951. It was agreed that they should be approved and madeavailable in stencilled form to apprenticemasters without charge.

## Warning about Advertising

The Ethical Committee's deliberations on the advertising of dispensing services were reported, and the Council approved for publication the following statement:—

"For some years past the Council of the Society have maintained the view that it was not in keeping with the standard of conduct expected of pharmacists to advertise dispensing services. July 1950 the Statutory Committee, in dealing with a complaint concerning advertising, expressed their opinion as follows:—'We are therefore of the opinion that it is misconduct within the meaning of the Act for a pharmacist to advertise his dispensing services. . . 'This opinion was qualified to some extent by the circumstances of the case before the Committee at that time but it is nevertheless clear that, apart from such special circumstances, advertising of this description should be avoided. It is therefore with concern that the Council note that advertisements referring to dispensing, either directly or by implication, continue to appear from time to time in local papers, programmes, parish magazines, etc., and warn pharmacists that if these practices continue they will not be prepared to accept an apology and withdrawal of the advertisment but will consider it necessary to report the facts or make a complaint to the Statutory Committee,'

The Ethical Committee reported on problems connected with the maintenance of rota services, and the matter was referred to the Public Services Committee and to the Liaison Committee with the

National Pharmaceutical Union.

A note by THE PRESIDENT, in which he asked that the Council should consider founding one or more homes for elderly pharmacists and their wives or widows, was considered by the Benevolent Fund Committee and a subcommittee was ap-

pointed to consider the proposal.

MR. MCNEAL said that the minutes of the Establishment Committee were incom-The committee had decided to recommend an investigation into the position of the Society with regard to compensation should there be compulsory acquisition, under the County of London Development Plan 1951, of the area on which the Society's property stood. Mr. GRANVILLE SHAW (chairman of the Committee) who was supported by MRS. J. K. IRVINE, said that he could recall no such decision. The decision was that they should await the outcome of a public inquiry with the Society represented,

THE REGISTRAR reported that since the previous meeting fifty-six persons had been registered as apprentices or students, making a total of 175 in the current year. The Finance Statement for 1951, together with the auditors' report, was received and approved. It was stated that, in accordance with a decision of the special general meeting held in May 1951, an endeavour had been made to complete the accounts earlier this year, and they were completed and audited a month earlier than usual. As that allowed no margin for unforeseen contingencies, it was proposed to revert to the former time-table in future years.

The report of the Law Committee showed that in February the Society's inspectors and agents had visited 942 authorised sellers, 207 listed sellers, and 533 drug store proprietors and traders.

# **ECONOMICS OF PHARMACY**

MR. H. W. TOMSKI, B.Com., addressed a meeting of the Leicester Branch of the Pharmaceutical Society recently on "Economics of Retail Pharmacy." He said that. in the early stages, any system which restricted the opening of new pharmacies would tend to strengthen private monopoly. but nationalisation of pharmacy would follow inevitably. Under free competition the public was the ultimate judge of the pharmacist's economic value to the community. Under nationalisation his worth was assessed by collective bargaining, negotiation and arbitration. The salaries paid to hospital pharmacists did not encourage the view that a public body was a better judge of the pharmacist's abilities than individual members of the public. Certain economies could be introduced under nationalisation, but such economies could only be attained at high social costs.

The economics of National Health Service dispensing could be compared with those of export trade. Export required a large and stable home market. Health Service dispensing at present rates of remuneration depended on a high level of counter sales. If pharmacists were to lose their share in the commercial field, overhead expenses per prescription would increase, and the costs of the dispensing service would rise. In certain central European countries dispensing represented 60 per cent. of the pharmacies' total turnover, but, although geographical distribution was on a more rational basis, prescription prices for compounded medicines were about 35

per cent. higher than in Britain.

# NORTH LONDON ASSOCIATION

Toasts were few at the annual dinner, dance and cabaret of the North London Pharmaceutical Association on March 20.



Mrs. Felton; Mr. A. Beverley Baxter, M.P.; Mrs. Baxter; Mr. George Felton (Association president).

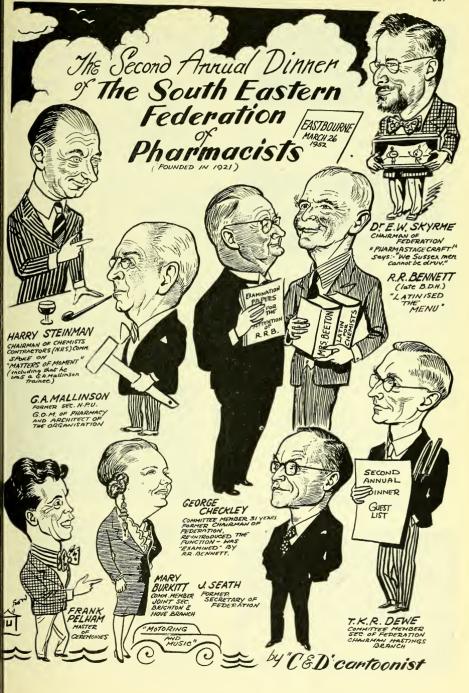
"The Queen" and "The North London Association" were proposed without speeches. The president (Mr. A. George Felton) proposed "The Pharmaceutical Society of Great Britain." He said that there were two aspects of its work that nobody could quarrel with: the Benevolent Fund and Birdsgrove House. Mr. W. John Tristram (vice-president of the Society) responded to the toast. In a

"hard world for chemists nowadays" it was pleasant, he said, to have a break such as the function they were attending. He considered that Pharmaceutical Committees had shown great restraint in not opposing the shiffing levy on prescriptions, which would erect a barrier between chemists and their customers-a barrier that had never previously been necessary under either N.H.S. or N.H.I. As a quid pro quo, he would suggest that the Minister might bring the pricing of prescriptions up to date. The sincere affection of pharmacists towards their Society, said Mr. Tristram, was quite remarkable, especially when it was considered how hard was the path of the entrant and how many the fees the member had to pay, including the costs of being inspected. Mr. Tristram quoted a recent letter received by the registrar from an eighty-three-year-old member to illustrate his point. Mr. Carl Norman (social secretary) proposed "The Ladies and the Guests," for whom the response was given by Mr. A. Beverley Baxter, M.P. for the Southgate Division.

# SOUTH-EASTERN FEDERATION

The Federation of South-eastern Pharmacists, set up in 1921, is justifiably proud that it initiated the grouping of local branches of the Pharmaceutical Society into a federation thirty-one years before the Society's Council drew up a plan for the whole country. A second point of pride is that, at its annual dinner at Eastbourne on Dies Mercurii Martius XXVI, over 90 per cent. of the eighty dinersfrom Worthing, Brighton, Eastbourne, Hastings and Tunbridge Wells—rose when the chairman rose to "take wine with members of the Pharmaceutical Society." By rotation, the chairman and secretary (Messrs, E. W. Skyrme and T. K. R. Dewe) were from Hastings, and among members present were many ex-officers of the Federation, the secretary until 1950 of the National Pharmaceutical Union (Mr. G. A. Mallinson, O.B.E.), and a former chairman of the British Pharmaceutical Conference (Mr. R. R. Bennett), by whom, incidentally, the menu had been "done into Latin" for the attractive pink and gold folder that graced every diner's guest at table. Mr. Skyrme, from the chair, said there were several present (Messrs. H. Brown, Checkley, Mackie and Storm) who had been members of the

Federation for the whole thirty-one years. Noted absentees were Messrs, Donald Hudson, who was unfortunately ill, and David Marchant, their treasurer, who "was" the Federation but was no longer able to go out at night. The dinner preceded a meeting at which the guest speakers were Mr. H. Steinman (chairman of the Central N.H.S. (Chemist Contractors) Committee) and Miss D. Murgatroyd (superintendent, South-eastern Pricing Office). Taking advantage of the circumstance that the majority of his audience were pharmacists (and of the comparative absence of the Press) Mr. Steinman revealed many secrets of the interplay of forces operating on the shilling levy. Miss Murgatroyd, whose subject was "Prescriptions I have met," dealt with some of the difficulties and compensations of pricing officers, and entered a plea for chemists to lighten their work in various ways, such as endorsing prescriptions with quantities supplied, and leaving the pricing column free for figures. Mr. George Checkley (chairman of the Eastbourne Branch) proposing a vote of thanks, paid tribute to both speakers. It was evident that they had in Mr. Steinman a strong chairman of the contractors' committee, he said.





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VOL. CLVII APRIL 12, 1952 No. 3764

# Illusory and Real Economies

WHILE the Government shows plainly that it is determined to impose the shilling levy on prescriptions whatever the Opposition and its own back-benchers may say, more and more people besides chemists are coming to realise that the levy will be far from practical to work, far from equitable in its incidence, and far from certain to achieve the intended economies.

It was to be expected that the Opposiion, through Mr. H. A. Marquand, who was the Minister of Health at the time of he dissolution, should move an amendnent limiting the life of the levy to two ears. Indeed, if the decision to impose he levy was genuinely related to measures o extricate the country from a financial ight spot, then the ex-Minister was on trong ground in arguing that it should nd when the crisis passed. But what was erhaps more surprising was that "The "imes"—whose advocacy in the past year r two has not been markedly sympathetic o Opposition viewpoints—should have put prward, even before Mr. Marquand spoke, ne same point of view. The Opposition ad probably made a prima facie case for cond thoughts on the levy and "on ractical grounds" the prescription was nly acceptable as a stop-gap.

As a deterrent, paradoxically, the levy ay be effective in areas with low-income pulations, but will be less so elsewhere. I all areas it may have the indirect effect securing that more items, and more pensive ones, are included on a prescriptor to make a consultation worth while.

Much depends, of course, on the doctors, to whom every discussion on prescribing economies inevitably comes back. Walsall (see p. 494) has proved that extravagant prescribing can be avoided, but for its virtues the town is likely to suffer more from the levy than towns with high average prescription cost. The initiative in reducing the average should, as Dr. Lockhart pointed out in a thoughtful contribution to the "Supplement to the British Medical Journal" (April 5, p. 145), come from prescribers themselves. Dr. Lockhart calls on his fellow doctors to "search our consciences daily" to ensure that no "excessive or extravagant drug has been prescribed beyond the call of clinical duty." They should explain to all "expensivelyminded patients," he says, that any drug prescribed in excess of proper duty may be surcharged to the doctor personally, and the words "Dispense N.H.S. Equivalent" should be rubber-stamped on a prescription when a drug is prescribed for which no particular brand is clinically indicated. That suggestion is not in itself novel, but he brings it into the realm of practical politics by switching the responsibility for the choice of drug substitute from the pharmacist (who would hate to shoulder it) to the Ministry of Health, For he would have the Ministry circularise chemists on the drug to be dispensed when a given proprietary is ordered and the rubber stamp is used. The Ministry would also supply doctors with cards listing the prices of commonly used proprietary drugs, and show which come from hard-currency areas.

Such practical hints from such a source the Government would find it well worth while to explore. Otherwise it may be found that, while the levy becomes no more popular with time, the hoped-for saving in drug costs is as far off as ever.

# Student Prospects

After reaching the age of ten years, the British Pharmaceutical Students' Association, enters a new phase under its first lady president (see p. 514). When an organisation of young people undergoing training for a career lays emphasis on history as the theme of its conference, it may be taken as

a sign that it is well enough established to map out its continuing future on the lessons of the past. That, in turn, bespeaks a confidence in and enthusiasm for the chosen profession that are a refreshing change from the apathy betrayed by many older pharmacists towards their professional affairs. What one delegate described as the "slow moving machinery of the Society" was no doubt equally irksome

to others. Perhaps, too, the failure of the local Branch of the Society—from what ever cause—to take up the Association's challenge to a debate, had its influence on that attitude. The proceedings are reassuring that the future leadership of the craft need cause no doubts or anxieties it will be in good and responsible hands. An encouraging feature of the Conference was the presence of overseas students.

# CORRESPONDENCE

## A D. J. Williams Bursary

SIR,—We should appreciate the hospitality of your correspondence columns for the purpose of drawing the attention of all old students of the Bath and West of England College of Pharmacy and the Bristol School of Pharmacy to the fact that it is proposed to raise a fund for the purpose of encouraging research in pharmaceutical subjects to perpetuate the name of the founder of the school of pharmacy in the west and be called the D. J. Williams Bursary. It is certain that very large numbers of old students will wish to take part in making this gesture of appreciation one worthy of the occasion, and it is therefore proposed to hold a preliminary meeting to discuss details of the appeal at the College of Technology, Unity Street, Bristol, 1, at 7 p.m. on Thursday, April 24. All old students who can possibly do so are asked to attend.

Bristol, 1. Wm. Cooper, E. J. Shellard.

# An Early Photographic Trade Section

Sir,—May I endorse "Xrayser's" appreciative references to the "Photographic Department" pages of the March 29 issue of The Chemist and Druggist. Photographic chemists will surely find in those pages a wealth of helpful and interesting information. The paragraphs in "New-comer's Notebook," referring to the formation and development of the Photographic Dealers' Association, now such a virile and representative organisation, may recall to the minds of some of its veteran chemist members an earlier attempt to regulate the distributing side of the photographic trad?. More than fifty years ago the secretary of the Proprietary Articles Trade Association, the late Sir William Glyn-Jones, was instrumental in forming a photographic section of the P.A.T.A. protected list, It was

reported as far back as 1898 that tha section was in full working order, and th P.A.T.A. Council expressed the hope tha the Association's retail members "who de business in photographic goods will giv their cordial support to those firms wh have taken pains to protect their clients interests." To deal with this aspect of P.A.T.A. work, an "executive committe of management of the photographic de partment," comprising representatives o the manufacturers and of retailers sat o: the Council, and in the protected list wer included a number of branded plates, films papers and apparatus. That initial exper ience of price-protection for photographi goods was, doubtless, of value to those who not many years later, inaugurated th Photographic Dealers' Association. should like to take this opportunity to pa tribute to the whole-hearted support ren dered by the P.D.A. and the general secre tary, my friend Mr. E. J. Andrews, in th recent campaign on behalf of resale pric maintenance.

London, W.C.I. H. E. CHAPMAN.

ECHOES OF THE PAST

WHOOPING COUGH—1760
From "The London Chronicle or

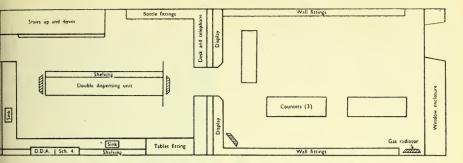
Universal Evening Post,"
A Receipt for the Hooping-Cough, communicated by a Person of Distinction
TAKE

Oil of mace half an ounce.

Old tallow candle, about an inch and a half

Saffron, a pennyworth.

Best French brandy, a quarter of a pint Let them just simmer together over th fire, in a new earthen pipkin. Cut a piec of brown paper in the shape of a heart spread this ointment on the paper, an apply it to the stomach, the sharpen'd end of the paper uppermost. Anoint the stom ach, night and morning, with this oint ment, still keeping the paper on.



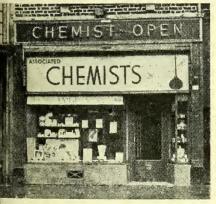
# A Sheffield Experiment

# Britain's first pharmacy under the joint ownership of local chemists

N January 21 there was opened in Sheffield a pharmacy which, in the opinion of its sponsors, is unique in the history of pharmacy — a pharmacy, financed, instigated, and developed by a community of private chemists for the public service.

## A Real Public Need

The question of a late dispensing service has exercised the minds of many pharmacists ever since the commencement of the National Health Service. It has peen felt that the private chemist was



The shopfront of the new pharmacy.

ot giving as full a public service as could easonably be expected from him; and at to rely on the good offices of resident harmacists to provide an "after hours" rvice was not fully meeting the just requirements of the public. That was particularly brought home to the writer when a large public company found it necessary to keep open a department to try and meet the demand for service after normal

closing hours.

Early in 1951 it was felt that the time had come for the private chemist to make a move in the direction of late dispensing service; and to this end the matter was brought to a meeting of all the private chemists in Sheffield. The reaction was favourable; and a small committee was empowered to investigate the possibility of action being taken. Whilst this was taking place it became known that a desirable property was in the market. A quick inspection revealed its suitability, and a firm offer to purchase was made. At a second meeting, called shortly afterwards, those present were asked if they wished to proceed with the project, and if they were prepared to agree to the formation and financing of a company. The idea was enthusiastically accepted; and a company with a capital of £15,000 was proposed. £8,000 was promised at the meeting, £5,000 was subscribed within two days, and with the required balance quickly following, the necessary steps were taken to form a company under the name of Associated Chemists (Wicker), Ltd. The company was incorporated on June 25, 1951, and the preparation of the premises for business was commenced.

Ministry of Works licences for necessary work quickly proved a stumblingblock, and many weary weeks of letterwriting passed before the necessary permits were available. One interesting viewpoint emerged from the many interviews with authority, when it was stated that a new shopfront could be installed and that no licence could be or had been issued for new fronts for over six months. When it was pointed out that there were several new shops in the vicinity, and the question was put how they came into being, the astonishing answer was received that those fronts were not new but reconstructed—a distinction with a difference!

## Fittings and Plan

The work of shopfitting was entrusted to Myers of Old Street, London, who carried out with great efficiency the ideas



Inside the shop

of the directors delegated to make a worthwhile, easily run, efficient dispensary within the price limits decided upon. The main work in the shop is carried out in natural polished walnut, and in the dispensary in natural "idigbo." The dispensary plan at the head of page 512 is self-explanatory. The main idea was that there should be a minimum of waiting for the public, and to that end there were provided an abundance of shelving, continuous counter space, and a double "wet" dispensary counter as an island fitment, arranged so that two dispensers could work side by side, each with his own set of commonly used galenicals. The remainder of the galenicals are arranged immediately behind the two dispensers, reducing walking to a minimum. Service shelving is provided to house all proprietary ethical preparations in winchester quantities. Smaller ethicals are housed in shallow cupboards, and the shallow cup-



Inside the dispensary

board idea is extended to D.D.A., Schedule IV, penicillin, and similar preparations. The tablet stock for immediate use is housed in a special Myers unit with sliding shelving, providing the maximum of shelving in a minimum of space. Deep cupboards are provided under the whole of the continuous counter space. The main stockroom is in the basement, and is equal in size to the area of shop and dispensary together. It is filled with stee shelving, which makes for easy and visible stock-keeping. In addition to the ground floor and basement at present in use two other floors are available if required

## Service Hours

A service is provided from 9 a.m. to 10 p.m. each weekday and from 2 p.m. to 8 p.m. each Sunday. The qualified staff of some of the members of the company supplement the permanent staff by working an additional duty after their own shops are closed, but it is hoped in time to cover the whole of the service with the permanent staff. Whilst a stead stream of prescriptions flows in through out the day, the demand is heaviest be tween 7 and 9.20 p.m.

So far as is known, this is the first communal effort in Britain to prove that the private chemists are willing and able to provide all the pharmaceutical service that can reasonably be required by the public, and to show, moreover, that pharmaceutical service in any possible health centre will be redundant. The directors have found the continued help enthusiasm and assistance of all the chemists a great inspiration.

# NATIONAL PHARMACEUTICAL UNION

MEETING of the N.P.U. Executive was eld in London on March 26, Mr. P. 'arley (chairman) presiding. The Secre-ARY (Mr. H. Noble) reported upon the ndisposition of Mr. D. W. Hudson. A etter of condolence had been sent to Mrs. ludson. Mr. G. A. Mallinson was willing continue to serve as a member of the I.P.U. Distress Fund Committee.

It was resolved to send congratulations Mr. B. Pugh Davies on his appointment s chairman-elect of the Pembrokeshire

executive Council.

The secretary said Bovril, Ltd., had tated that they were restricting the distriution of Bovril weaning food to chemists t least until June 30. After that, if the public so wished, they would be prepared o supply it to grocers. Reports of meetings f the Accounts, Publications and Price ist, Business Services and the Central V.H.S. (Chemist Contractors) Committees vere received.

## No Change in Interest

Although the Bank Rate had recently isen to 4 per cent., it was decided that, or the time being, interest on loans from he N.P.U. business purchase and guaranee fund for the purchase of businesses that night otherwise pass out of independent pharmacist ownership should remain at

½ per cent, until further notice.

The following resolutions submitted by N.P.U. branches named were received

and considered:—
REIGATE AND REDHILL BRANCH: "In view of the ncreased financial burden imposed on the public by the increased Pension and Health contributions, announced in the Budget, this meeting is of the pinion that the proposed prescriptions levy hould be dropped forthwith."—" Any proposed alteration in remuneration should be communicated o the branches in good time to permit of adequate discussion, before any acceptance is made on pehalf of Contractors."

DUDLEY AND STOURBRIDGE BRANCH: "That the difficulties involved in the working of the proposed prescription levy scheme have not been fully visualised."—" That in fact the matter has been unduly rushed and that this branch protests at the authority given to the N.H.S. Contracting Com-

mittee to commit themselves on our behalf."

ABERDARE VALLEY BRANCH: "That this branch unanimously disapproves collection of the shilling. That in view of the percentage of ethical preparations presented all over the country the branch uggests that the N.P.U. should collaborate with other bodies in endeavouring to combat the tendency and restrict prescribing to N.F. prepara-

THE SECRETARY reported that the Fair Prices Defence Committee had considered a proposal from the grocery interest concerning a modified system of collective price maintenance. It was decided that there should be no change in the policy of the N.P.U. The chairman of the Central N.H.S. (Chemist Contractors) Committee gave a report on a meeting held on March 4 between representatives of the Committee and the Conservative party health committee. He stated that the proposed levy scheme and the container allowance had been discussed. The committee authorised the submission to the management side of the Pharmaceutical Whitley Council of a claim for improved N.H.S. pharmaceutical service remuneration at April 1. It was resolved that the Ministry should be asked to include in the list of scheduled appliances the following:-Elastic adhesive bandage, 4 in. x 3 yd.; elastic adhesive plaster, ½ in. x 3 yd. and  $1\frac{1}{2}$  in. x 3 yd.; zinc oxide plaster,  $3\frac{1}{2}$ in. x 5 yd.; fluid ring pessaries, sizes 14 and 15; vulcanite pessaries, sizes 9 to 13; hypodermic needles, sizes 12 and 14; chiropody felt, any size up to 6 in. x 6 in.; Tieman's catheters; and Douse's catheters. It was also resolved that the Ministry should be pressed to agree that, where a non-specified size of a scheduled appliance had been inadvertently supplied, payment for the nearest specified size should be allowed.

## Pricing Bureaux Progress

Messrs. D. E. Sparshott and G. H. M. Graham gave a report on the position in the pricing bureaux. A steady improvement in output was being secured, and some substantial improvement could be expected when present trainee pricers no longer needed detailed supervision. THE Secretary stated that the Ministry wished to defer the issue of a complete Drug Tariff until after the new N.F. became operative. They had suggested that the next complete Tariff should relate to prices current in July 1952. The Ministry hoped to agree, with the Committee, specifications and prices for trusses and surgical hosiery in time for inclusion in a July Tariff. It was resolved that no objection should be raised to the issue of a quarterly amendment list relating to April, followed by a complete Tariff relating to July. (To be concluded)

# PHARMACEUTICAL STUDENTS' CONFERENCE

The tenth annual conference of the British Pharmaceutical Students' Association was held at Nottingham University, March 31 to April 4. At the opening session held on March 31, Mr. B. A. Wills (president) in the chair, MR. G. E. TREASE (director of pharmaceutical studies, Nottingham University) welcomed the delegates to the university. He paid tribute to the work the Association had done for pharmacy at home and overseas, and said he was glad foreign visitors were attending.

MR. WILLS, in his presidential address, gave the theme of the conference as "110 Years of Pharmacy." Dealing with present trends, he said that the bottle of medicine was on the decline, and the field of students' work, except in pharmacognosy, was widening. Would the future retail pharmacist merely possess a "catalogic" knowledge of tablets, and would future students turn to retail only as a last resort? He hoped that more students would make a definite contribution to retail pharmacy. The B.P.S.A., he claimed, had had a unifying influence, extending to overseas contracts. During the past year, however, new memberships had fallen off.

MR. K. H. PALMER, Nottingham (liaison secretary, International Pharmaceutical Students' Federation) said that the conference was the second to be held at Nottingham, to which he welcomed the delegates.

MR. D. BRAUN (an observer from Germany) brought the greetings of German pharmaceutical students,

## Local Pharmaceutical History

On April I MR, G. E. TREASE gave an address on "Local Pharmaceutical History." He included a reference to pepperers and spicers (in early times little different from apothecaries) who were merchants who owned "cells" (warehouses with shops attached), but did most of their business at fairs. Two localities in Nottingham (Pepper Street and Lenton Priory) were associated with spicers, an annual fair having been held at the Priory gates. In the courtyard of the Priory was a hospital dedicated to St. Anthony of Egypt, the patron saint of London pepperers and spicers.

## Pharmaceutical Formulation

MR. A. W. Bull (Boots Pure Drug Co., Ltd.) then gave an address on "Pharmaceutical Formulation and Presentation." He said that the issue of a new speciality depended upon a team of scientists, whose

work the pharmacist was well qualified to co-ordinate. A formulator, he said, should be familiar with modern agents but should not overlook established methods. An important consideration was the availability of agents in large quantities. Several formulations were normally made up and the best selected for further trials. "Keeping" tests on full and partly full containers, and tests on the method of packaging had to be carried out. Packages were tested by exposing them to fluctuating conditions of heat and moisture.

Polyethylene was useful as a wrapping film and as a material for unbreakable bottles. It was resistant to water vapour and chemically inert, but pervious to certain organic vapours. Bottles stored near perfumed articles were likely to admit contamination. Containers should be designed so that they could be machine-filled and

labelled efficiently.

In progressing from experimental to large-scale production it might become necessary to alter a formula. In that process the pharmacist had to consult a metalurgist to see what metals (in the manufacturing plant) could be allowed to come into contact with the preparation. Other problems arose from considerations of personnel protection. Before laying down a specification of formula and manufacturing procedure costs of production and estimated sales had to be calculated.

## Pharmaceutical Patents

At the session on April 2, Mr. K. H. Palmer in the chair, Dr. G. I. Hobday (research division, Boots, Ltd.) gave an address on "Patent Protection for Pharmaceutical and Medicinal Substances." The purpose of patents legislation, he said was to look after the public interests and to encourage improvements in industrial techniques. Patent monopoly was granted only for a limited time. Pharmaceutical patents of historical interest included Epsom salts (1698); "sal oleosum volatile' (1711); and "Tarlington's balsam" (Friar's Balsam) (17444).

Before 1919 there had been nothing in British law to prevent the issue of a paten for a new mixture of different substances. The Pharmaceutical Society had ofter campaigned in the courts against patent for mixtures, and nearly all the patent for them had been revoked. In 1931 the wording was amended so that prescription were clearly excluded while the chemical

substances were not.

The Act of 1949 made further changes. Patent applications for prescriptions remained invalid. Patents could be sought or new chemical compounds, but not for ubstances found in nature. For a patent application for a pharmaceutical preparation to succeed today the preparation must be more than a simple mixture (unless the preparation has unpredictable properties such as synergy) or a new method of manufacture (e.g., a new method of mulsification)). If one or more new incredients were included in the formula the claim would be stronger.

Mr. B. A. Wills was again in the chair or an address by Dr. M. W. Partidge lecturer in pharmaceutical chemistry, Notingham University) on "The Development of Chemotherapy." Chemotherapy, is said, was concerned with the interaction of a parasite, a host and a drug. Arsenical oreparations had been used as long ago as 1850 by Dr. Livingstone. Atoxyl, used against trypanosomiasis in mice tests, attracted the attention of Erhlich, who investigated its structure and developed the arsphenamines. There was evidence that the arsenicals interfered with the metabolism by the trypanosome of sulphydryl (—SH) groups. Later speculations along those lines led to the use of BAL (British anti-Lewisite) as a detoxification compound for organic arsenicals.

The last speaker in the session was Dr. J. M. Rowson (curator of the Pharmaceutical Society's museum) who addressed the meeting on the history of the museum. He said that the museum was as old as the Society. It had two main aspects: collection of specimens and research work. The museum contained materia medica specimens, a herbarium, and historical materials (mortars, etc.). One of the main purposes of the museum was to act as a "standards institution" for the identification of drugs and adulterants by comparison with authentic specimens.

In 1842 the first curator (Theophilus Redwood) founded the herbarium, to which many new specimens were added after the exhibitions of 1851 and 1863. The collection on which Jonathan Pereira ad based his text book had also been lonated to the museum. The first fullime curator, Holmes (appointed 1872) was the real founder of the museum. The nuseum today was the richest in materia nedica specimens of any in Europe, if not n the world, containing about 20,000. n his day the collection of Daniel Hanpury was added. Holmes was succeeded

n 1922 by Professor Greenish and from

1927-49 the curator was Dr. Wallis. Dr. Wallis had introduced the era of quantitative microscopy.

## History of the Society

At the session held on April 3, Mr. F. W. Adams (a secretary of the Pharmaceutical Society) recounted "Some Outstanding Events in the History of the Pharmaceutical Society of Great Britain." He said that the society had been founded in 1841 on the principles of voluntary organisation. The main purpose of the proposed new Charter was to transfer the basis of the Society's interest from ownership to qualification. The President (Mr. B. A. Wills) asked if, under the new Charter, Fellowship of the Society would be automatically awarded to Pharmaceutical Chemists, and Mr. Adams said that fellowships would be granted to those who qualified before a certain date.

### Brains Trust

The session concluded with a brains trust on which served Messrs. (1) B. A. Wills (president), (2) F. Orrell (a Derby retail pharmacist), (3) B. O'Malley (editor of the "Alchemist"), Mr. J. A. Box (general secretary of the association) presiding. The questions and answers are summarised:

Is the fact that limited companies may be registered as authorised sellers of poisons largely responsible for the continued low status of pharmacists? (2) Pharmacists' status is increasing not decreasing. The medical profession holds pharmacists in greater respect now than at any other time. (3) The difference between a good and a bad pharmacy depends upon the personal qualities of the pharmacist. (1) The quality of pharmacy in limited companies is neither very high nor very low.

Is the cosmetic trade compatible with professional status? Should there be a measure of control in the opening of pharmacies? (2) The retail pharmacist was already subject to several controls. Let there be no more. It would be difficult to decide what cosmetic preparations were or were not within the domain of the pharmacist. (1) It is the way that goods are sold that counts. I would welcome more pharmacies with less toilet trade. On the other hand, cosmetics are less objectionable than certain proprietary medicines.

Should there be some organisation to represent pharmacists generally, rather than only sections of the profession? (2) What we are missing is a union that has the interest of all pharmacists at heart.

I feel that the Society has lost interest in pharmacists. Its interest is in itself.

## Conference Dinner

At the conference dinner held on April 3 the chief guests were Messrs, F. C. Wilson (president of the Pharmaceutical Society) and G. E. Trease (director of pharmaceutical studies, Nottingham University) and Dr. J. M. Rowson (curator of the Society's Museum). The loyal toast was proposed by Mr. S. J. Relph, and "The Pharmaceutical Society" by Mr. K. H. Palmer (International Pharmaceutical Students Association liaison secretary). Mr. Palmer called for immediate efforts to raise the status of pharmacy. What, he asked, was the Society doing about the status of pharmacists in health centres and in H.M. Forces?

Mr. Wilson, who replied, said that the best pharmaceutical service for health centres should be provided by retail pharmacists in the vicinity. With regard to H.M. Forces it was too early to make a public statement, but within "the forseeable future the position might improve."

"Our guests" was proposed by Mr. J. A. Box (general secertary of the Association) who welcomed particularly the guests from overseas.

DR. ROWSON proposed "The University of Nottingham," and MR. P. VARLEY (president, Nottingham University Pharmaceutical Students' Society) proposed "The British Pharmaceutical Students' Association."

## **Business Session**

The business session of the conference took place on April 4. In his report for the year, the general secretary Mr. J. A. Box) said that the executive, at its first meeting in October 1951, had decided to accept a proposal from the National Union of Students that the Association should be an approved organisation within the N.U.S. Mr. J. M. Blau had been appointed membership secretary. A subcommittee was set up to inquire into the situation concerning the "Future Pharmacist" and to make recommendations to the executive. The subcommittee recommended the executive to approach a commercial publishing house to undertake future publication of the "Future Phar-The executive had had liaison with the Guild of Public Pharmacists as a result of which the salaries for apprentices in hospitals had been increased. Thanks were due to the staff of the Pharmaceutical Society for their co-operation. The report was adopted. Mr. Box then presented the treasurer's report which was also adopted. Mr. J. M. Blau (membership secretary) reported that since January, sixty-seven new members and one life member had joined the association, membership now stood at 438. Students registered by the Pharmaceutical Society from August 1951 to February 1952 numbered 718. He suggested that all colleges should send the names and addresses of students for whom they sent subscriptions. The report was adopted.

THE PRESIDENT (Mr. B. A. Wills) gave his report as chairman of the subcommittee inquiring into the "Future Pharmacist." Owing to difficulties in publication, he said, articles that had been canvassed had not been published and that had led to criticism. The publishers of THE CHEMIST AND DRUGGIST had been approached to undertake the publication of the "Future Pharmacist" and proposals had been received from them, Editorial responsibility would remain in the hands of the association. The report was adopted and the subcommittee was empowered to reach a decision.

#### New Officers

The following were elected as officers of the association for the year:—President, Miss R. Houston; General Secretary, Mr. P. Varley; Treasurer, Mr. J. A. Box; Scottish Representative, Mr. W. McPherson; Welsh Representative, Mr. M. G. Wigley.

An "open forum" to consider branch resolutions was held on April 3, at which the following resolutions were adopted:—

I. That this assembly views with increasing horror the entry into schools of pharmacy of per sons with no previous experience of pharmaceutica techniques.

2. That the present Ph.C. course is not satis factory, particularly in the emphasis on certain aspects of pharmaceutics and that the executiv should prepare a case for submission to the Pharmaceutical Society.

 That this conference receives the offer from Morgan Brothers (Publishers), Ltd., and that th present subcommittee be empowered to conclud negotiations.

4. That the status of pharmacists in H.M. Forces should be in accordance with their professional qualifications and responsibilities and that the Pharmaceutical Society should be pressed t give details of their negotiations.

5. That the time lapse between the theoretics and practical examinations should be reduced, s as to reduce the travelling expenses of candidate living away from the examination centre to th cost of one return ticket.

# PUBLIC PHARMACISTS' DELEGATE MEETING

THE branch delegates' meeting of the Guild of Public Pharmacists was held in York on March 22, the president (Miss M. C. Islip) in the chair. Many resolutions were before the meeting, including a number on salaries. The Tyne, Wear and Tees branch pressed for efforts to give a "career value" to hospital work, and the suggestion received almost unanimous support. The meeting endorsed the Guild council's policy of advocating the appointment of Group pharmacists, and passed by an overwhelming majority a resolution submitted by the Edinburgh branch recommending twenty-four days' annual leave inclusive of statutory holidays. The meeting voted to double the Guild's contribution to the Pharmaceutical Society's Benevolent Fund, and later unanimously supported a Yorkshire Branch motion to ask the Society to take action to secure that pharmacists were in charge of all hospital dispensaries. A motion submitted by the Edinburgh branch, suggesting that a standard rate for locums in Scotland should be negotiated, was defeated after discussion. It was felt that a minimum salary might become a maximum one. It was announced that the Guild had submitted a memorandum to the Standing Pharmaceutical Advisory Committee.

# A FACTORY EXTENSION AT HORSHAM

A FESTIVE opening was accorded a new building just completed at the Horsham headquarters of Ciba Laboratories, Ltd., when many national and local friends met here by invitation on April 3 for a cock-ail party and film show. They saw the building all ready for the installation of plant for pharmaceutical processing and were able to admire its "horseshoe" all workrooms placed around a central naterials warehouse); the attractiveness of ts design (staff work entirely); and the perfection of many of its constructional letails, such as the aluminium roof and he troughed lighting cables. In an adtress of welcome the company's managing irector (Mr. P. Mair) said that the war ad killed the intended official opening f the Horsham factory in 1939, at which he then chairman, Dr. Brodbeck, would ave officiated. At Horsham they did not hake up mixtures of other people's disoveries. All the products made there were

the outcome of research and development in Ciba laboratories. In England the company, with no advertising to the public, did its work largely unseen. But they went to immense trouble to try to help doctors keep abreast of developments in which the company's research or products had played a part. They also made a point of providing the essential scientific data to pharmacists. The result had been a steady and considerable growth to the point where they now needed both the new chemical factory now being completed at Grimsby and the new building at Horsham. In 1952 they would make eight times as many packs as in 1946. They had been able to do their bit by way of export, with customers in every continent. They now had one of the most efficient pharmaceutical production units anywhere. Its efficiency was such that, despite greatly increased wages and costs, the company's prices were equal to or less than those of 1939; they had recently made further reductions. The new building was the outcome of co-operation between the company's own engineering staff and Horsham men. There followed a showing of the film "The Birth of a Drug," an impression of the parent company's headquarters at Basle, Switzerland,

# LONDON PHARMACEUTICAL COMMITTEE

At the March meeting of the London Pharmaceutical Committee the chairman (Mr. Clifford Evans) welcomed a new member (Mr. W. E. Stokes, replacing Mr. A. Wilson). The secretary said that the Executive Council had been asked to make special payments to a contractor who had dispensed, in January and February 1952, over 900 vials of a penicillin preparation prescribed by one doctor, in circumstances such that he was unable to claim under the special pricing arrangements.
"on-account" payment the cont payment the contractor would receive was only 12 per cent, of the net value of the prescriptions. The Sec-RETARY stated that statistics of prescriptions dispensed during rota duty hours were being compiled. It was decided to refer the report to the hours of service subcommittee for detailed consideration. The I per cent, pricing check by the Ministry of Health for the year ended December 31, 1951, showed little variation between full pricing and averaging, but the Committee reiterated its view that full pricing was the only satisfactory method. Small percentage variations could well mean considerable amounts of money. It was decided to issue a questionnaire on the supply of oxygen equipment. Certain chemists were reported receiving prescriptions written on buff-coloured "requisition forms" from a hospital in the London area. It appeared that the hospital had entered into an arrangement for the dispensing of certain out-patient prescriptions outside the hospital. There was nothing to prevent such an arrangement being concluded between the hospital and a contractor or contractors. The hospital had a dispensing department and was not

permitted to issue form EC10 (HP). Chemists in contract with the hospital could accept the requisition forms, provided the requirements of the Pharmacy and Poisons Act were fulfilled, and could submit their accounts to the hospital for payment. The arrangement was temporary and was quite apart from the services provided by pharmacists under Part IV of the N.H.S. Act 1946.

In March 1951, 1,805,124 prescriptions were dispensed by London chemists at a cost of £308,399 (average cost 41.01d.) The corresponding figures for April 1951 were 1,575,241, £279,947 and 42.65d.

# THE PROFESSION IN PRACTICE -16

A Fully Open Dispensary in a Suburban Branch Shop

N the experience gained at their principal shop at Exmouth Market, London, E.C.1, Kendale Dispensing Chemists put into effect certain ideas of layout and shopfitting at their opened recently branch at 86 Mur-N.I. ray Grove, No physical barrier interposes itself between shop and dispensary. The intention is that should customers feel that the compounding of their medicines is under their constant scrutiny. For them to take this too liter-

ally and walk through into the dispensary would, of course, be inconvenient and perhaps dangerous, but Messrs. Kendale state that in fact that does not happen. Perhaps they feel that the dispenser is so near there is no need to go nearer. Perhaps the judicious placing of a show-case acts as a hint that beyond is forbidden territory. Certainly a difference of fittings and colours emphasises the distinction between selling area and dispensing department. The shop portion is finished in light oak, with rear fixtures rising no higher than the assistant's hand can reach, and with sliding glass fronts. In front is a glass-fronted counter with little merchandise on display. Between



shop and dispensary is a glass-topped an glass-fronted display case for cosmetic The dispensary shelving is open, whit enamelled, and carried to the ceiling. The bench tops are of laminated plastic, wit white-enamelled store cupboards below Some of the drawers are specially designed for quick withdrawal of labels and simil: purposes. The premises front on to residential thoroughfare and the back do (like the window seen in the illustratio opens direct on to a service road. other words there is no rear area for u loading or storage, and that naturally pr sents a difficulty, which is overcome main by servicing the branch frequently fro the main shop,

# TRADE REPORT

pot quotations for pharmaceutical chemicals represent the prices for wholesale quanties of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

LONDON, APRIL S
VITH a reduction of 3s. per lb. in the
rice of Bismuth metal fresh schedules
by the Salts have been prepared. They show
he Carbonate to be 6s. 2d. per lb. cheaper
1-cwt. lots, The salts are more freely
vailable now than they were six months
go, but it is understood that that situation
has been brought about through lack of
onsumer demand rather than by increased
utput. Domestic Phenacetin remains in
ght supply, though prices were recently
hereased by sixpence per lb. Imported
henacetin can be procured, but at aproximately twice the cost of homeroduced material. Santonin is still very
ifficult to obtain in quantity. B.P. solution of Formaldeliyde is a little dearer
only wind the price of
the materials.

w materials.

Agar continues firm on the spot, whilst uyers await import licences. Buchu Eavers are not plentiful on the spot, and ormer prices are maintained. Anatolian atural whole Liquorice root is 2s. per wt. dearer. All grades of Shellac show further decline of 5s. per cwt. over the revious week's quotations. Spot supplies f silver grey Cochineal are difficult to nd, and higher prices are asked at origin or replacement. The remainder of the rude Drugs were practically unaltered a price, and there was little or no inquiry or spot supplies except in Chinese Menuol, for which prices held firm.

In the Essential Oils market more in-

erest was shown in Ceylon CITRONELLA, prward and spot prices of which advanced y threepence per lb. On the other hand, y threepence per lb. On the other hand, EMONGRASS and imported CARAWAY were uoted threepence per lb. down. OLIVE IL is becoming scarce on the spot, and wo price levels are quoted. Importers are upplying their regular clients (and those tho provide their own licences) with their uota of pharmaceutical grade at from 24s. Description 25s, per gall., a level in line with rices paid at origin. Some speculators, owever, who hold oil by virtue of their ctivities in 1951, are asking 28s. 6d. per all, and even up to 30s.

J.S. Drug and Chemical Report

NEW YORK. April 7 MEMOVAL of inventory control from twenty-ve chemicals by the National Production authority has featured the past week's evelopments. Included in the move were luminium sulphate, barium chemicals arbon tetrachloride, glycerin, menthanol nd phenol. Brazilian MENTHOL has lost mother 5 cents to drop to \$6.40 per lb., thile the Chinese product has sold at \$7.35, own 15 cents. New crop Brazilian is

available at \$5.40 f.o.b. Brazil. Little improvement has been noted in Crude Drugs, except that spot scarcities in some items have brought higher quotations. Stocks of Hyoscyamus Leaves are now relatively scarce and prices have edged up 3 cents to 35 to 40 cents per lb. Because of inactive demand and in spite of rumoured Portuguese curbs, Ergot dropped to \$7.40 per lb., down 60 cents. Powdered Karaya Gum is available at more favourable prices with No. 1 grade at 40 cents per lb., down 3 cents. Essential Oils higher per lb. included: California Orange, \$1.95 (up 15 cents): California Lemon, \$6.00 (25 cents): Spearmint, \$7.85 (20 cents): Wormseed, \$8.00 (35 cents).

## Pharmaceutical Chemicals

ACETANILIDE.—1-cwt. lots are 2s. 11d. per lb. for crystals and 3s. per lb. for powder.

AMPHETAMINE.—BASE is from 65s. to 68s., and SULPHATE from 56s. to 59s. per lb., as to quantity. *d*-AMPHETAMINE is from 650s. to 700s. per kilo.

ATROPINE. — Rates per oz. are: Alkaloto, 58s, 9d.; 4-oz., 58s. 3d.; 25-oz., 57s. 9d. Sulphate, 48s. 9d.; 4-oz., 48s. 3d.; 25-oz., 47s. 9d. Methyl nitrate in 4-oz. lots is 78s. 6d. and Methyl browide, 76s. 6d. per oz.

BARIUM SULPHATE.—1-cwt. lots of B.P. (x-ray) are 1s. 5d. per lb. Scheduled rates per lb. (containers in brackets) for quantities between 28-lb, and 1-cwt. are as follows:—1s. 8d. (28-lb.); 1s. 9d. (14-lb.); 1s. 9½d. (7-lb.); 2s. (1-lb.).

Benzocaine. — 28-lb, lots are 44s.; 14-lb., 45s.; and 7-lb., 47s. 6d. per lb.

Benzoic acid.—1-cwt, lots are 3s, 01d, per lb. The Sodium salt is 2s, 101d, per lb. in 1-cwt, lots.

BISMUTH SALTS.—Lower.—The following are the prices (per lb.) in largest bulk packages:—

		ı-cwt.	28-lb.	7-lb.
		s. d.	s. d.	s. d
CARBONATE	•••	28 2	28 5	32 10
SALICYLATE	• • • •	24 5	24 8	28 6
SUBGALLATE		23 6	23 9	27 6
SUBNITRATE		24 5	24 8	28 6

Borax.—Prices for B.P. grade, in quantities of 1 ton and upwards are as follows:—Granular, £48 10s.; crystals. £51: powder, £52; extra-fine powder, £53 per ton. Prices of commercial range from £39 10d. to £44 per ton, as to type, and dehydrated borax is now £60 10s, per ton. In 1-ewt. bags; carriage paid in Great Britain. Surcharges for small quantities as previously.

Brucine.—Alkaloid is from 1s. 8d. to 1s.  $9\frac{1}{2}$ d. per oz., and Nitrate and Sulphate from 1s. 7d. to 1s.  $8\frac{1}{2}$ d. per oz., as to quantity.

Caffeine.—Rates (per lb.) are now as follows:—

	ı cwt.	28 lb.	7 lb.
	s. d.	s. d.	s. d.
ALKALOID, B.P	41 6	42 6	43 6
ALKALOID ANHYDROUS	44 0	45 0	46 o
CITRATE, B.P.C	25 3	26 3	27 3
and Sodium			
BENZOATE, B.P	26 3	27 3	28 3
and Sodium		0.0	
SALICYLATE, B.P.C.		28 6	29 6
and Sodium iodide	35 6	36 6	37 6

Lots of 5-cwt, are 1s. per lb. less than the 1-cwt, rates.

CALCIUM CARBONATE.—B.P. is £28 per ton, delivered U.K.

CHALK.—In minimum 1-ton lots powder is £22 and cones, £23 10s, per ton.

Chlorocresol.—Pharmaceutical quality is quoted at 6s, per lb, in 1-cwt, drums.

Chloroxylenol.—B.P. quality is quoted at 6s, 9d, per lb. for 1-cwt, lots.

Chrysarobin.—Scarce. In 1-cwt. lots, B.P.C. is from 52s, 6d, per lb.

CINCHOPHEN,—1-ewt, lots are quoted at 24s, 9d, per lb., with smaller quantities up to 27s, 9d, per lb.

CITRIC ACID.—British makers quote 218s, per cwt, for 1-4-cwt, lots and 213s, per cwt, for 5-cwt, Quotations are now net.

DITHRANOL.—Advanced. Price per lb. is now about 191s.

FORMALDEHYDE. — B.P. solution is now 34s, per cwt.

Magnesium sulphate,—B.P. crystals in 1-ton lots are 19s. 6d. per cwt., packed in hessian bags, ex works.

Mandelic acid. — 1-cwt. lots in 28-lb. containers are 10s. 9d. per lb. The Calcium salt is also 10s. 9d., while Sodium is 11s. 3d, per lb., for 1-cwt, lots.

PHENACETIN. — In 5-cwt, lots maker's price is now 7s. 2d. per lb., 1 cwt., 7s. 3d.

PHENOL.—Basic price for B.P. in drums is 1s. 6d. per lb.

Phosphoric acid.—B.P. is 1s, 5½d. per lb, in 1-2-carboy lots. Hypophosphorous, B.P.C., in winchesters, is from 5s, 9d, to 6s, 10½d. per lb., as to quantity.

Potassium nitrate. — Pharmacopœial quality is 145s, per cwt. (crystal, granular or powder) and commercial, 90s.

RESCORCIN. — Price per lb, for 28-lb, 56-lb, lots is 15s, 6d.; 1-10 cwt., 15s.

Sodium salicylate.—Rates are: 1-ton lots in bulk, 3s. 5d. per lb.; 5-cwt., 3s.  $5\frac{1}{2}d.$ ; 1-cwt., 3s. 6d. Scheduled rates in the home market for 28-lb, and under 1-cwt, are from 4s. 1d. to 4s. 5d. per lb., as to pack.

ZINC CHLORIDE, — B.P.C., cake, is from 4s. 6d. to 4s, 10d. per lb.; sticks, from 5s, 10d. to 6s. 2d. per lb.

ZINC SULPHATE.—1-cwt. lots are quoted at 1s. 4d. per lb.; 28-lb., 1s. 7d.

## Crude Drugs

Aconite.—Spanish napellus is 3s. 9d per lb., duty paid, ex wharf.

AGAR.—Firm, Kobé No. 1 on the spot is 12s, 6d, per lb, Forward, buyers' licence 7s, 6d, per lb., c.i.f.

ALOES, — Prime Cape on the spot is 202s, 6d, per cwt., and about 208s., c.i.f. Curação is 425s, per cwt., on the spot.

Antimony. — English, 99.6 per cent. £352; 99 per cent., £340 per ton.

Asafœtida.—Persian block is £20 pe ewt., in bond.

Balsams. — Canada is 32s. 6d, per lt on the spot. Copaiba: Para is offered a 18s. 6d. per lb., duty paid. Peru is 16s. 3c per lb., duty paid, and 13s. 9d., c.i.f., fo shipment. Tolu, natural is steady on th spot at 33s. 6d. per lb., and for shipment 31s., c.i.f.

Benzoin.—No. 1 Sumatra block on th spot is quoted at from £27 10s, per cw and for shipment, £26 (or a shade under c.i.f. Siam almonds are from 27s. 6d. t 37s. 6d. per lb., spot, as to size.

BISMUTH.—Lower. In minimum 5-cwt lots, Metal is 25s, per lb.

BUCHU.—Short round leaves, new-crop now landing are 2s. 3d. per lb.; old-crop 2s. 2d.

Cascara sagrada,—American bark, 195 peel, is from 320s, per cwt., duty paid and 290s., c.i.f., forward.

Cassia bark.—Whole on the spot i 125s, per cwt., ex warehouse; forware 117s, 6d., c.i.f.

CINNAMON. — Ceylon for shipmer (c.i.f.): 0000, 2s. 7d.; 000, 2s. 6d. 00, 2s. 5d.; 0, 2s.  $4\frac{1}{2}$ d.; firsts, 1s.  $8\frac{3}{4}$ d seconds, 1s.  $7\frac{1}{2}$ d.; thirds, 1s.  $6\frac{3}{4}$ d.; quil ings, 1s. 5d.; featherings, 1s. 1d.; chip  $5\frac{1}{4}$ d. per lb.

CLOVES.—Quiet. Quotations for Zanziba on spot are from 6s. 9d. per lb., nomina and 6s. 6d., c.i.f., for shipment.

COCHINEAL.—Firm. Black is 8s, per lb silver grey is scarce on the spot at fro 7s, per lb, with replacements quoted a 7s, 6d.

COLCHICUM.—Quiet. Corms on spot a offering at from 2s, 3d, to 3s, 6d, per lb seeds: forward offers at 6s, per lb., dur paid.

Colocynth.—Pulp on the spot is 1s, 9 per lb., duty paid.

Ergor.—Quotations for Portuguese the spot are 41s. per lb. For supplies origin, 38s. per lb., c.i.f., is asked.

(FALANGAL ROOT. — For spot supplies, 05s. per cwt.; forward, 70s., c.i.f.

GENTIAN.—French natural on spot is 22s. 6d. per cwt., and 115s., c.i.f., ominal.

GUAIACUM RESIN. — Spot quotations are bout 3s, per lb.

bout 3s. per ID.

Gum acacia.—Kordofan cleaned sorts on ne spot are 120s, per cwt.; shipment, 99s., i.f., buyer's licence.

HENNA.—Indian leaves are about 90s. er cwt., on the spot. April-May shipent of Sudanese are quoted at 110s., c.i.f.

Honey,—Spot supplies of Australian are om 112s, to 125s, per cwt., as to quanty. Small stocks of Argentine material re quoted over 130s, per cwt., spot.

IPECACUANHA. — Unchanged. Forward fers of Nicaraguan, April-May shipment re from 45s, to 46s, per lb., c.i.f. Spot rices of Colombian are 52s, per lb., and icaraguan, 56s.

Karaya.—No. 1 gum on the spot is about 90s, per cwt.; No. 2, 200s.

LANOLIN. — Scarce. B.P. anhydrons is ominally £170 per ton and hydrous, £150. LIQUORICE. — Anatolian natural whole sot on spot in London is quoted at 52s. 6d. er cwt.: Syrian, natural, is 42s. 6d. urkish block juice quotations are from 80s. upwards, according to holder, duty aid, Turkish stick is 240s. per cwt., duty aid; Italian stick, 475s. per cwt., duty id.

MACE. — West Indian pale blade is s. 6d, per lb.; for shipment, 8s. 11d., c.i.f. MENTHOL.—Quotations for Chinese are 2s. per lb., and Brazilian, 50s., both duty aid. Brazilian forward price for Apriliay shipment is 44s., c.i.f., seller's licence. Myrrh.—Aden selected sorts are quoted from £17 to £18 per cwt., on the spot, iftings are from £7 10s, to £8 10s. per cwt.

NUTMEGS. — Quiet. West Indian 80's noted at 4s, per lb. on the spot and s. 6d., c.i.f., for shipment. East Indian r shipment, are quoted at from 3s.  $7\frac{1}{2}$ d., i.f.

Orris root.—Offers of Florentine are 130s, per cwt., ex warehouse.

PODOPHYLLUM. — Emodi root is available 275s. per cwt.

QUILLAIA. — Whole bark on spot is 5s. per cwt., and 125s., c.i.f., for ipment.

RHUBARB.—Shensi is 11s. 6d. per lb.; puble Deer No. 1, 8s.; other grades Chinese rough round at from 4s. 6d. to 9d., all duty paid.

Sarsaparilla. — Jamaican native red about 2s. 4½d. per lb. on the spot and shipment, 2s. 3d., c.i.f. SEEDS.—ANISE.—Market quiet. Sellers of Cyprus at 155s. per cwt., duty free; Turkish is 150s., in bond, and 157s. 6d., duty paid. For shipment, Turkish quoted at 115s. per cwt., c.i.f. London. Caraway.
—Dutch unchanged at 102s, 6d. per cwt., duty paid, in London. Celery.—Indiau is slow of sale; 1s. 10½d, per lb. quoted spot London, Corianner, — Market continues quiet. Spot: Morocco is 75s, per cwt., duty paid, and 70s, in bond; Indian, 97s. 6d. Shipment: Morocco is quoted at 60s., c.i.f. London for prompt shipment and new-crop for June-July, 62s., c.i.f. Cumin, — In poor demand. Spot: Cyprus, 200s. per cwt.; Indian, 195s.; Malta, 205s.; and Morocco, 210s., duty paid. Dill.—Indian is 82s. 6d., spot London. Fennel.—Indian, 205s., and French or mid-European is 190s., duty paid. Fenceree.—Morocco spot London or Liverpool, 42s. 6d., duty paid. Mustard.—English, 75s. to 110s. per cwt., according to quality.

Shellac.—Lower, Spot quotations are: F.O.T.N., pure, 225s.; F.O. Standard No. 1, 245s.; fine orange, 280s. to 355s. per cwt., ex-London warehouse.

Vanillin.—Unchanged. Rates (per lb.) are as follows:—5-cwt. lots, 45s.; 1-cwt., 45s. 3d.; 56-lb., 45s. 6d.; smaller quantities, 45s. 9d.

# **Essential and Expressed Oils**

Anise.—Steady. Spot supplies are from 8s. 6d. per lb., according to quantity.

Caraway oil. — English-distilled is offered at 45s.; imported oils in limited supply are from 33s. per lb., for spot.

CITRONELLA, — Spot prices for original drums are: Ceylon, 5s. per lb.; Formosa and Java. 6s. 3d. Forward quotations are: Ceylon, 4s. 7d.; Formosa, 4s. 6d., and Java, 4s. 7½d. per lb., all c.i.f.

LEMONGRASS. — Forward quotations are 9s. 3d. per lb., c.i.f., prompt shipment, Spot supplies are from 10s. 3d. per lb.

Nutmeg.—English-distilled oil is from 40s, per lb. Imported oil (B.P.) is easier at 31s, per lb., dnty paid; forward: from 25s, to 28s., c.i.f., as to source.

OLIVE. — Pharmaceutical oil in 45-gall, drums, spot, is 25s, per gall., nominal. French virgin (maximum acidity 1 per cent.), new - crop offered for immediate shipment is easier at £245; Tunisian virgin at £235, and French pharmaceutical (maximum acidity 0.25 per cent.), at £240 per 1,000 kilos, c.i.f. U.K. ports. Spanish is £220 10s, per 1,000 kilos, f.o.b., main Spanish port.

OTTO OF ROSE.—Turkish is from 400s, per oz., spot.

PENNYROYAL.—Offers for immediate shipment are from 29s, per lb., landed, duty paid, seller's licence.

PETITGRAIN. — Paraguay is offered at 22s. 6d. per lb., c.i.f. Spot supplies are from 26s, per lb.

PIMENTO BERRY. - English-distilled oil. 62s. 6d. to 65s. per lb. Imported oil is from 47s. 6d. per lb., spot.

SANDALWOOD, — Mysore oil on spot is from 72s. 6d. per lb. for 10-case lots Australasian oil is offered at 45s. per lb. Sassafras.—Brazilian natural is offer ing at from 6s. 6d. to 7s. 6d. per lb., duty

paid, according to grade.

#### WORLD TRADE

French Pharmaceuticals Pegged.—The French Government has pegged at their March I level the prices of numerous commodities, including pharmaceuticals.

Stockpile of Medical Supplies.—It was announced in the Canadian House of Commons recently that the Canadian Government was planning to stockpile millions of dollars' worth of medical supplies.

Linseed Oil in Argentina.—The Argentine Foreign Trade Promotion Institute is not at present offering linseed oil on the market, but is expected to reduce its prices to bring them to international levels.

Norwegian ACTH Production. — Norwegian antarctic whaling expeditions have brought back to Norway large quantities of whale pituitaries from which ACTH has been produced. British and South African expeditions co-operated in collecting the raw material.

DDT for Far East.—At a recent session of the Committee on Industry and Trade of the United Nations Economic Commission for Asia and the Far East, held in Rangoon, Burma, it was noted that three DDT plants (each of a capacity of 700 tons) were to be erected in India, Pakistan and Ceylon.

Singapore Drug Import Regulations. Drugs and medical preparations imported into Singapore are now subject to individual import licence unless they originate in or are consigned from a sterling country. Indo-China, Indonesia, Thailand and neighbouring territories of China are exempt from the regulations.

Indian Chemical Porcelain.-Work carried out at the Central Glass and Ceramic Research Institute in Calcutta (one of India's national laboratories), has shown that Indian clays can be used in the manufacture of chemical porcelain. Conditions for their manufacture, on a commercial basis are being worked out.

Dutch Import Taxes .- The following revised Dutch import taxes expressed as per cent. ad valorem, came into force at the beginning of March. Import taxes, the equivalent of turnover taxes, are paid by the importer at the frontier, and should

not be confused with import duties. Figure in parentheses represent old tax: -Olive oil, refined, 13 (10); castor oil, refined 13 (10); glycerine, 13 (10); chloroform 3 (free).

West German Chemical Exports. West Germany almost doubled her export of chemicals in 1951, when they rose to value of 2,113.9 million marks fron 1,083.6 a year earlier. The industri accounted for 14.5 per cent, of the tota German export figure for 1951, agains 12.9 per cent. in 1950. European buyer took 62.17 per cent. of the chemical ship ments. Pharmaceuticals accounted for 8. per cent, of the exports.

More Countries Cut Imports.—Cyprus which in 1951 had an adverse trade ba ance of £4.5 millions, is taking steps t reduce her expenditure in foreign currency A large proportion of the trade betwee Cyprus and European Economic Co-opera tion countries has so far been carried ou under open general licence, but in futur that licence will be restricted to certain goods. Southern Rhodesia is also to cu her non-sterling imports owing to a defic of about £3 millions in the country foreign payments during 1951. — M Havenga, the South African Finance Minister, introducing his budget on Marc 26, said that the amount of exchang to be made available for imports durir 1952 would be limited to £400 million It was likely that the reduction in tot imports would largely be at the expen of soft currency countries unless they coul The Depar quote competitive prices. ment of Commerce and Industries wou not hesitate to authorise increased impor of essential goods from the dollar are if exporters in soft-currency countri should attempt to exploit the position.-French imports from OEEC countries a fixed at about half the level prevailing before the announcements in February su liberalisation, according to French Government memorandum. memorandum, which will be submitted the OEEC's specialised committees f approval shortly, fixes the monthly fina cial ceiling of imports at \$140 millions p month during the second quarter of 195

# **GUIDE TO NEW MEDICAMENTS**

formation about new proprietary medicaments to be supplied principally on prescripon. Editorial recommendation is not implied. Reprints obtainable on application.

## HEWŒSTROL

ANUFACTURER: C. J. Hewlett & Son, Ltd., 35 Charlotte Road, London, E.C.2.

ESCRIPTION AND FORMULA: A flavoured elixir containing ethinylæstradiol, 0.02 mgm. in each min. 60.

DICATIONS: Menopausal conditions, hypo-ovarianism.

OSAGE: As directed by the physician.

ow Supplied: In bottles of 4 and 20 fl. oz. First Issued: November 1951.

## AERO-MEDIC P.M.N. CREAM

ESCRIPTION AND FORMULA: A cream containing phenylmercuric nitrate, 0.025 per cent. in a water-miscible emulsion base.

RDICATIONS: Impetigo, eczema, acne, ringworm, sycosis, pruritis, dhobi itch, infected sores, yeast infections and allied skin affections.

ow Supplied: In jars of 1 and 8 oz. First Issued: February 1952.

## CYTACON LIQUID

[ANUFACTURER: Glaxo Laboratories, Ltd., Greenford, Middlesex.

ESCRIPTION: A flavoured preparation containing 25 microgm, vitamin B<sub>12</sub> per fl. dr.

NDICATIONS: Treatment of infants and children who fail to maintain normal growth; undernourishment in adults during convalescence.

OSAGE: Children and adults: One or two teaspoonfuls three times a day.

ow Supplied: 6-oz. bottles. First Issued: February 1952.

OTE: Cytacon liquid is unsuitable for the treatment of pernicious anæmia.

## MILIBIS

ANUFACTURER: Bayer Products, Ltd., Africa House, Kingsway, London, W.C.2 (for Winthrop Products, Ltd.).

ESCRIPTION: Bismuthoxy-para-N-glycolyl-arsanilate, containing approximately 42 per cent. bismuth and 15 per cent. arsenic,

DICATIONS: Uncomplicated intestinal amæbiasis.

OSAGE: Average adult dosage for a single course: Two tablets (see below) thrice daily for seven days. Patients with persistent positive stool findings, further courses.

OW Supplied: In bottles of twenty-five, fifty, and 500 0.25-gm. tablets.

RST ISSUED: October 1951 (in Britain).

# PAUSANDRYL

ANUFACTURER: Roussel Laboratories, Ltd., 847 Harrow Road, London, N.W.10.

SCRIPTION AND FORMULA: Sublingual tablets each containing: Ethisterone, 5 mgm.; ethinyl-cestradiol, 0.005 mgm.; methyltestosterone, 2 mgm.

DICATIONS: Menopausal symptoms.

NTRA-INDICATED: In women with cancerous or pre-cancerous lesions, or with a strong family history of breast or genital malignancy.

vsage: Course of fifteen days, beginning with three to four tablets daily for three to seven days, reducing gradually to one tablet daily. The tablets should be administered sublingually at regular intervals during the day.

W Supplied: Boxes of 25 and bottles of 100 and 500. First Issued: March 1952.

## TRADE MARKS

From the "Trade Marks Journal," March 26

For pharmaceutical preparations and substances (5).

SPASMADRYL-BAILLY, 700,081, by Bailly, Ltd., Alperton. AMERIPES, 704,054, by the West Hartlepool Drug Co., Ltd., West Hartlepool.

For analgesic preparations (5).

DISPRIL, 703,287, by Reckitt & Colman, Ltd., Hull.

For all goods (5).

Circular device of man with bow, 704,303, by Genatosan, Ltd., Ipswich.

For nutritive, digestive and dietetic foods (5).
TANTALUS, 704 882, by Lorna Louise Body,
Bayswater, London.

### From the "Trade Marks Journal," April 2.

For agricultural and horticultural chemicals and fertilisers (1).

TERREVIVE, 704,916, by Ward, Blenkinsop & Co., Ltd., London, W.1.

For agricultural and horticultural chemicals (1). HYDRAX, 705,059, by Plant Protection, Ltd., Yalding.

For soaps (3).

HOME GUARD, B697,804, by Premier Soap Co., Ltd., Hull.

For perfumes and non-medicated toilet preparations

(3).

ELLOCAR, 703,415, by Ellocar G.m.b.H., Werkstatten für Perfumerien und Kosmetik, Dusseldorf, Germany.

For preparations for the hair (3).

COTRENE, 703.844, by Cotrene, Yeovil, CERALAN, 705,287, by Evelyn Paget (Laboratories), Ltd., West Wickham.

For non-medicated toilet preparations containing chlorophyll and peppermint (3).

CHLOMINT, 704,660, by Perec, Ltd., trading also as Chlorophyll Products, London, W.I.

For all goods, excluding toilet paper (5).

GEMEC, 697,462, by General Metallurgical & Chemical Ltd., London, E.C.2.

For bath preparations, liquid eye-wash skin powder, pomade and petroleum jelly, all being medicated (5).

PRESH, 702,039, by E. S. Bailey & Co., Ltd., Manchester.

For all goods (5).

VETOSTELIN, MINEXIN, 702,190-703,466, by Glaxo Laboratories, Ltd., Greenford. BLIN-BLOW, 704,689, by Potter & Clarke, Ltd., London, E.I. GLYMAXIN, 704,821, by Macleans, Ltd., Brentford. RIMIFON, 704,985, by Roche Products, Ltd., Welwyn Garden City. CANFE, 705,071, by Ablin, Ltd., London, W.I.

For analgesic preparations (5).

DESPRINE, DISPRINAL, B703,284-704,868, by Reckitt & Colman, Ltd., Hull.

For insecticides and fungicides (5).

PESDANE, 704,648, by Pest Control, Ltd., Bourn, Cambs.

# PRINT AND PUBLICITY

Rodent Control.—Published by Sorex (London) Ltd., 6 Henrietta Place. London, W.1, with the technical co-operation of Ward, Blenkinsop & Co. Ltd., and Mr. M. D. Price (Insecta Laboratories Ltd.) is a 12-p. booklet "Recent Advances in Rodent Control with Warfarin."

Advertising Campaigns.—Camilatone, Ltd., Edg ware Road, Welsh Harp, London, N.W.9, hav started new national advertising for Camilaton toning shampoo (twin pack).—Over 45 millio advertisements for Oteg egg preservative will hav appeared in a spring national advertising campaig by Surface Protection Ltd., 48 Old Bailey, London, E.C.4, by the end of April.

For the Amateur Photographer.—" How To Mak Good Pictures" in a new edition, is available fror Kodak, Ltd., Weald-

Kodak, Ltd., Wealdstone, Middlesex. The book explains "everything the amateur wants to know from how a camera works to mounting the finished print."

Applied Photography Data Book.—A new edition of the "Kodak Data Book of Applied

Photography" has been published by Kodak, Ltd Wealdstone, Middlesex, price £2 128. 6d.



## NEWCOMER'S NOTEBOOK 8.—Wholesale Photo Finishers' Association

FORMED in 1929 "in the interest and for the pretection of photo finishers," the W.P.F.A. h grown steadily in strength and influence; among imembers are the largest photo finishers in the country.

Its objects, briefly, are to protect wholesale pho finishers; to promote a high standard of wor to collaborate with the Photographic Dealers' A sociation, multiple chemists, and makers of equiment and materials; to produce showcards, et (which are offered for sale to members I W.P.F.A. (Services) Ltd.); to study current co ditions for the assistance of members; to ho conferences for the exchange of ideas and discussion of subjects of interest; and to encourage mer bers to conform to the code of conduct.

Membership is open to persons, firms, or con panies engaged in developing and printing, for a tailers other than, or in addition to, their ow establishments. Associate membership is open works managers, employees of members, retail with developing and printing workrooms not suplying at trade terms other than through their ov retail departments; and wholesale or retail finisht overseas.

The Association is governed by a president, predent-elect and an executive committee of nimembers in addition to the past-president (eofficio). Official organ is the "W.P.F.A. Breitein." Address: 30 Gledhow Gardens, Londo S.W.5.

# INTERNATIONAL NON-PROPRIETARY NAMES

be report of the second session of the becommittee on non-proprietary names of e Expert Committee on the International narmacopoeia, published recently and proved by the Executive Board of the orld Health Organisation, records that e subcommittee has adopted the follower names:—

ON-PROPRIETARY NAMES (LATIN, ENGLISH)

idum dehydrocholicum, dehydrocholic acid

riflavinii chloridum, criflavinium chloride

ipheninum, adiphenne thyldicoumarolum, thyldicoumarol

obarbitalum, allobaroital reomycinum, aureo-

ıycin itracinum, bacitracin ızalkonii chloridum, enzalkonium chloride

zethonii chloridum, nzethonium chloride

zylsulfamidum, benvlsulfamide inum, biotin obemidonum, ketomidone

orcyclizinii chloriım, chlorcyclizinium loride :hocainii chloridum, ıchocainium chloride

hophenum, cinchoen irboxylasum, cocarxylase

isonum, cortisone

anocobalamin

barbitalum, cyclobital

methonium, decathonium, diaenylsulfonum, diaenylsulfone

CHEMICAL NAME OR DESCRIPTION

mixture of the hydrochlorides of 3,6-diamino - 10 - methylacridinium chloride and 3,6-diaminoacridine

diethylaminoethyl ester of diphenylacetic acid ethyl ester of bis-(4-hydroxycoumarin) - 3,3'acetic acid

5,5-diallylbarbituric acid

mixture of alkylbenzyldimethylammonium
chlorides

benzyldimethyl - p - (1, 1,3,3-tetramethylbutyl) phenoxyethoxyethylammonium chloride

4 - benzylaminophenylsulfonamide

4 - m - hydroxyphenyl-1 - methyl - 4 - propionylpiperidine

(土) 1 - (p-chlorobenzhydryl)4 - methylpiperazinium chloride

hydrochloride of the  $\beta$ diethylaminoethylamide
of 2 - butyloxycinchoninic acid

2 - phenylquinoline - 4 - carboxylic acid

pyrophosphoric ester of thiamine

11 - dehydro - 17 - hydroxycorticosterone vitamin B<sub>12</sub>

5 - (1 - cyclohexenyl)5ethylbarbituric acid decamethylene - 1,10 bistrimethylammonium 4,4' - diaminodiphenylsulfone Diethazinum, diethazine N

Diodonum, diodone

Disulfiramum, disulfiram

Eucatropinum, eucatropine

Fenethazinum, fenethazine

Gramicidinum, gramicidin

Heptaminolum, heptaminol

Hexamethonium, hexamethonium

Hexoestrolum, hexoestrol

Hydroxyamphetaminii bromidum, hydroxyamphetaminium bromide

Ichthammolum, ichthammol

Iodophthaleinum natricum, iodophthalein sodium

Isoprenalinum, Isoprenaline

Khellinum, khellin

Lidocainum, lidocaine

Mafenidum, mafenide

Menadioni natrii bisulfis, menadione sodium bisulfite

Mephenesinum, mephenesin

Meralluridum, meralluride

Mercurophyllinum, mercurophylline

Methacholinii chloridum, methacholinium chloride

Methamphetaminii chloridum, methamphetaminium chloride (+)

N - diethylaminoethylphenothiazine

diethanolamine 3,5 diiodo - 4 - pyridone-N-acetate

tetraethylthiuram disulfide

4 - hydroxy - 1,2,2,6 tetramethylpiperidine

N - (2 - dimethylamino-1-ethyl) phenothiazine

2-amino-6-methylheptan-6-ol

hexamethylene 1,6 bistrimethylammonium

3,4-di-(p-hydroxyphenyl)
n-hexane

1 - p - hydroxyphenyl 2 - aminopropane hydrobromide

ammonium ichthyosulfonate

disodium salt of tetraiodophenolphthalein

1 - (3',4' - dihydroxyphenyl) - 2 - isopropylaminoethanol

5,8 - dimethoxy - 3 - methyl - 6,7 - furano-chromone, extracted from the fruits of Ammi visnaga (L.) Lam.

diethylamino - 2,6 - dimethylacetanilide

 4 - aminomethylphenylsulfonamide

 2 - methyl - 1,4 - naphthoquinone sodium bisulfite

1,2 - dihydroxy - 3 - (2'methylphenoxy)propane

mixture of methoxyoxymercuripropylsuccinylurea and theophylline

mixture of the sodium salt of the *B*-methoxyy - hydroxymercuri propylamide of trimethylcyclopentanedicarboxylic acid and theophylline

acetyl - β - methylcholinium chloride

+) 1-phenyl-2-methylaminopropane hydrochloride

#### Non-proprietary Names (Latin, English)

Methapyrilenum, methapyrilene

Methenaminum, methe-

Methiodalum natricum, methiodal sodium

Naphazolinum, naphazoline

Natrii aurothiomalas, sodium aurothiomalate Natrii stibogluconas, so-

dium stibogluconate Neocinchophenum, neo-

cinchophen

Neomycinum, neomycin

Nitrofuralum, nitrofural

Oxapropanii iodidum, oxapropanium iodide

Paramethadionum, paramethadione

Pentamethonium, pentamethonium

Pentobarbitalum, pentobarbital

Phenadoxonum, phenadoxone

Phenicarbazidum, phenicarbazide

Pheniodolum natricum, pheniodol sodium

Phenothiazinum, phenothiazine

Pholedrinii sulfas, pholedrinium sulfate

Piperocainii chloridum, piperocainium chloride

Polyvidonum, polyvidone Pyridoxinii chloridum, pyridoxinium chloride

Secretinum, secretin

Stibosaminum, stibosamine Sulfacetamidum, sulfacetamide

Sulfachrysoidinum, sulfachrysoidine

Sulfadimidinum, sulfadimidine

## CHEMICAL NAME OR DESCRIPTION

N,N-dimethyl-N'-(2-pyridyl)-N'-(2-thenyl) ethylenediamine

hexamethylenetetramine

sodium iodomethanesulfonate

2 - (1 - naphthylmethyl) imidazoline

mainly the sodium salt of aurothiamalic acid sodium antimonylgluconate

ethyl 6-methyl-2-phenylquinoline - 4 - carboxylate

5 - nitro - 2 - furalde-

hyde semicarbazone

- dimethylaminomethylene - 2,3 - dioxypropane iodomethylate

3,5 - dimethyl - 5 ethyloxazolidine 2,4 dione

pentamethylene - 1,5 bistrimethylammonium

5 - ethyl - 5 - (1-methylbutyl) barbituric acid

6 - morpholino - 4,4 diphenylheptan - 3 one

phenylsemicarbazide

sodium α-phenyl-β-(4hydroxy - 3,5 - diiodophenyl) propionate

 β - (p - hydroxphenyl) isopropylmethylammonium sulfate

3 - benzoxy - 1 - (2 methylpiperidino) propane hydrochloride polyvinylpyrrolidone

4,5 di(hydroxymethyl)-3 hydroxy 2 methylpyridinium chloride

hormone of the duodenal mucosa which activates the pancreatic secretion and lowers the blood-sugar level. diethylamine p-amino-

phenylantimonate

p-aminophenylsulfonacetamide

diaminosulfonamidocarboxyazobenzene

 2 - sulfanilamido - 4,6dimethylpyrimidine Sulfapyridinum, sulfapyridine
Sulfathiourea, sulfathi-

ourea Sulfogaiacolum, sulfogaiacol

gaiacol
Tetrylammonii bromidum, tetrylammonium

Thioacetazonum, thioacetazone Thiomersalum, thiomer-

Tolazolinum, tolazoline

Trimethadionum, trime-

Trimethadionum, trimethadione

2-sulfanilamidopyridine

p-aminophenylsulfonylthiourea potassium guaiacolsulfo

ate tetraethylammonium b mide

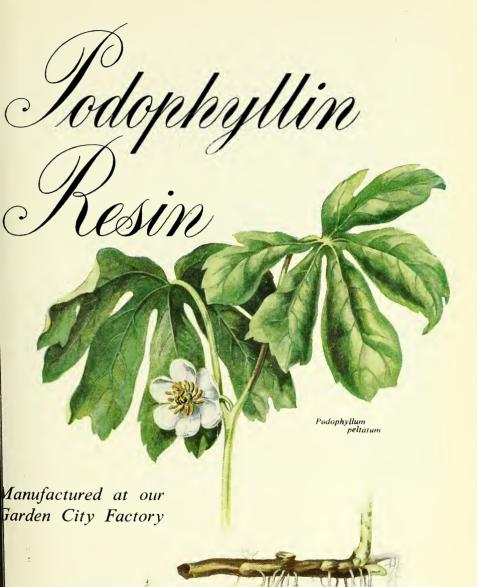
4-acetamidobenzaldehy thiosemicarbazone sodium ethylmercurith salicylate 2-benzylimidazoline

3,5,5 - trimethyloxaz dine-2,4-dione

French forms of the International nan have also been decided on.

# PHARMACOLOGY DEFINE

AT a lunch-hour lecture on pharmacold held in London recently, Dr. H. Schild defined pharmacology as the sti of the manner in which the functions living organisms can be modified chemical substances; and the special field clinical or applied pharmacology as study of the action of drugs in dise The lecturer described the classical exp ments of Claude Bernard (1865) which demonstrated the approximate site action of curare and to the work of I Ehrlich, who had suggested two phar cologies-one of normal functions and other of experimental therapeutics, wl sought drugs to cure experiment Ehr diseases in animals. induced had been particularly interested in imm therapy and had examined the use antitoxins which he referred to as m bullets because of their entirely spe action. His was a procedure of trial error which resulted, for example, in discovery of arsphenamine. It was, I ever, from 1935 that modern chemothe dated, with the discovery of the sulp amides. Prior to that, chemotherapy been concerned almost only with proto Sulphonan and spirochætal diseases. were used to such a wide extent in ba ial infections that they almost opposed ideas of Erhlich. The practical ach ments in the field of chemotherapy so collossal, said the 'ecturer, that th was tending to lag behind. Autopha cology was the study of substances, sur hormo used in the body itself. From clogists had brought succ ures p



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